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**FINAL REPORT on PHASE I
ATMOSPHERIC REACTION STUDIES
IN THE LOS ANGELES BASIN
VOLUME II**

Prepared for
COORDINATING RESEARCH COUNCIL, INC.

NATIONAL AIR POLLUTION CONTROL ADMINISTRATION
(Contract No. CPA 22-69-19)

Prepared by



SCOTT RESEARCH LABORATORIES, INC.

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16. Abstracts A comprehensive survey of the atmosphere of the Los Angeles Basin was conducted during the period August 22 to November 14, 1968. A large number of contaminants were determined continuously and periodically, and readings of pertinent meteorological factors were made at two ground level sites and in an aircraft at several altitudes above the ground sites. Mobile trailer-type laboratories were used in this study. The trailers contain instrumentation for continuous monitoring of a number of contaminants, photochemical products and meteorological parameters. The pollutants measured included carbon monoxide, oxidant, ozone, nitric oxide, nitrogen dioxide, total hydrocarbons, individual C ₁ to C ₁₀ hydrocarbons, peroxyacetyl nitrate, formaldehyde, acrolein and total aliphatic aldehydes. The meteorological elements monitored included temperature, relative humidity, wind speed and direction, and ultraviolet radiation intensity. The most significant advance was the chromatographic determination of more than 100 individual hydrocarbons.						
17. Key Words and Document Analysis. (a). Descriptors <table border="0" style="width: 100%;"> <tr> <td style="vertical-align: top; width: 50%;"> Photochemical Smog Chemical and Meteorological Parameters Hygro-thermograph Carbon Monoxide Oxidants Ozone Nitric Oxide Nitrogen Dioxide Total Hydrocarbons Flame Ionization </td> <td style="vertical-align: top; width: 50%;"> Acrolein Total Aliphatic Aldehydes Tedlar Bags NOx Vertical Diffusion Olefins Peroxyacetyl Nitrate Aldehydes Ultraviolet Radiation Oxidation </td> </tr> </table>					Photochemical Smog Chemical and Meteorological Parameters Hygro-thermograph Carbon Monoxide Oxidants Ozone Nitric Oxide Nitrogen Dioxide Total Hydrocarbons Flame Ionization	Acrolein Total Aliphatic Aldehydes Tedlar Bags NOx Vertical Diffusion Olefins Peroxyacetyl Nitrate Aldehydes Ultraviolet Radiation Oxidation
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17b. Identifiers/Open-Ended Terms						

CAUTION

Please note that the total hydrocarbon results of concentrations above 8 ppm carbon are considered invalid. These data are displayed on pages 29 through 40.

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June 30, 1969

Final Report
on Phase I of
Atmospheric Reaction Studies
in the Los Angeles Basin
APRAC Project CAPA 7-68
Volume II

for
Coordinating Research Council, Inc.
and
National Air Pollution Control Administration
(Contract No. CPA 22-69-19)

Prepared by

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as discussed in
Volume I

INTRODUCTION

This volume contains all of the data collected in the Los Angeles Basin by Scott Research Laboratories during the period August 22 to November 14, 1968. The data has been reduced to meaningful units and presented in tabular form in four sections. Section 1 includes all data from the Huntington Park ground site, Section 2 includes El Monte ground data, Section 3 presents analytical data from airborne samples, and Section 4 contains the complete log of all aircraft flight measurements.

Chemical concentration data include those for carbon monoxide, total hydrocarbons, individual C₁ to C₁₀ hydrocarbons, oxidant, ozone, nitric oxide, nitrogen dioxide, formaldehyde, acrolein and total aliphatic aldehydes. Meteorological parameters recorded are temperature, relative humidity, wind speed and direction, and ultraviolet radiation intensity. Total hydrocarbon concentrations greater than 8 ppm carbon are subject to error because of electronic damping of the instrument signal. All of the other categories of data have been examined and are believed to be valid, although occasional erratic points must be anticipated in any such massive volume of data.

A description of the methodology used to collect the data and a general explanation of the data including plots for selected days are given in Volume I of this report. It is recommended that Sections 2 through 5 of Volume I be read before attempting any interpretation of the data in Volume II.

SECTION 1

HUNTINGTON PARK GROUND MEASUREMENTS

LOS ANGELES ATMOSPHERIC REACTION STUDY - SRL/BBN

CARBON MONOXIDE / HALF HOUR AVERAGE / IN PPM

HUNTINGTON PARK STATION

DAY	HOUR (PST)						9/68					
	0	1	2	3	4	5						
1												
2												
3												
4												
5												
6												
7												
8												
9												
10	1	1	1	0	0	1	1	1	2	3	4	10
11	1	2	2	2	2	3	3	3	4	7	9	13
12	5	5	3	4	3	2	2	2	2	1	1	2
13	3	3	4	3	1	1	1	1	1	1	1	3
14												
15												
16												
17	1	1	1	2	1	1	2	1	2	2	4	11
18	1	1	0	0	0	0	0	0	0	1	1	1
19	0	0	0	1	1	0	0	0	0	0	1	2
20	2	3	4	4	4	3						
21												
22												
23												
24		8	5	3	3	3	3	3	3	3	4	5
25	15	15	12	10	11	8	8	9	7	5	10	12
26	3	3	3	3	3	4	4	5	7	8	11	14
27												
28	4	3	3	3	2	2	2	2	2	2	3	3
29	2	2	2	2	2	2	2	2	2	2	2	2
30	5	4	3	3	3	3	2	2	1	1	2	4
AVE	3	4	3	3	3	2	2	2	3	3	4	6
N	13	14	14	14	14	14	13	13	13	13	13	13
MAX	15	15	12	10	11	8	8	9	7	8	11	14

LOS ANGELES ATMOSPHERIC REACTION STUDY - SRL/BBN

CARBON MONOXIDE / HALF HOUR AVERAGE / IN PPM

HUNTINGTON PARK STATION

DAY	HOUR (PST)											9/68
	6	7	8	9	10	11						
1												
2												
3												
4												
5												
6												
7												
8												
9												
10	17	11	3	3	5	4	4	3	3	2	2	1
11	15	16	14	6	4	4	3	3	3	3	4	3
12	2	3	5	3	3	4	4	4	4	3	3	3
13	3	4	3	3	3	3	3	3	3	3	3	3
14												
15												
16			4	3	3	3	2	1	1	1	1	1
17	13	12	10	8	12	6	4	4	2	1	1	1
18	2	2	3	3	2	1	2	2	2	2	2	2
19	2	3	2	2	2	2	1	1	1	1	0	0
20				4	1	1	1	1	1	1	0	0
21												
22												
23												
24					5	5	4	3	4	3	1	1
25	16	24	19	14	8	6	4	6	5	3	3	4
26						12	9	9	7	5	5	4
27												
28	2	2	2	2	2	2	2	2	2	2	2	3
29	2	2	2	2	2	2	2	2	2	2	2	3
30	5	6	6	4	3	1	1	1	1	1	1	0
AVE	7	8	6	4	4	4	3	3	3	2	2	2
N	11	11	12	13	14	15	15	14	15	15	15	15
MAX	17	24	19	14	12	12	9	9	7	5	5	4

LOS ANGELES ATMOSPHERIC REACTION STUDY - SRL/BBN

CARBON MONOXIDE / HALF HOUR AVERAGE / IN PPM

HUNTINGTON PARK STATION

DAY	HOUR (PST)						9/68					
	12	13	14	15	16	17						
1												
2												
3												
4												
5												
6												
7												
8												
9												
10	1	1	0	0	2	0	1	1	1	1	1	1
11	3	3	3	2	2	2	2	2	2	2	2	2
12	2	2	2	2	2	2	2	2	2	2	2	2
13	2	2	2	2	2	2	2	2	2	2	2	2
14												
15												
16	1	1	1	1	1	1	1	1	1	1	1	1
17	1	1	1	1	1	1	1	1	1	1	1	1
18	2	2	1	1	1	1	1	1	1	1	1	2
19									2	1	1	1
20	0	0	0	0								
21												
22												
23				2	2	3	3	3	3	3	3	4
24	2	0	1	1	1	1	1	1	3	3	3	3
25	5	2	1	1	1	1	2	2	3	3	3	3
26	3	3	2	2	2	2	2	2	3	3	2	2
27												
28	3	3	3	2	2	2	2	2	2	2	3	3
29	1	1	1	1	1	1	1	1	1	1	1	1
30	0	0	0	0	0	1	1	1	1	1	1	1
AVE	2	2	1	1	1	1	2	2	2	2	2	2
N	14	14	14	15	14	14	14	14	14	14	14	14
MAX	5	3	3	2	2	3	3	3	3	3	3	4

LOS ANGELES ATMOSPHERIC REACTION STUDY - SRL/BBN

CARBON MONOXIDE / HALF HOUR AVERAGE / IN PPM

HUNTINGTON PARK STATION

DAY	HOUR (PST)												9/68		
	18	19	20	21	22	23	24	25	26	27	28	29	AVE	N	MAX
1															
2															
3															
4															
5															
6															
7															
8															
9		1	1	1	1	1	1	1	1	1	1	1	1.0	10	1
10	1	1	1	1	1	2	3	3	2	2	2	2	2.3	48	17
11	3	3	3	3	2	1	2	3	3	5	4	4	4.0	48	16
12	2	2	2	2	2	2	3	3	4	4	4	3	2.7	48	5
13													2.4	32	4
14															
15															
16	1	1	1	1	1	1	2	2	1	3	3	2	1.5	34	4
17	1	1	1	1	1	1	1	1	1	1	1	1	2.6	48	13
18	2	1	1	1	1	2	1	1	0	0	0	0	1.1	48	3
19	1				1	1	1	1	2	2	2	3	1.2	32	3
20													1.6	19	4
21															
22															
23	4	3	3	4	5	7	9	11	13	14	14	12	5.4	25	14
24	4	5	7	7	9	11	13	14	15	15	15	14	5.0	43	15
25	3	2	3	3	4	5	5	4	5	6	7	5	6.5	48	24
26	2	3	2	2									4.5	35	14
27	2	2	2	2	2	2	3	2	3	3	4	4	2.6	12	4
28	3	3	2	2	2	2	2	2	2	2	2	2	2.3	48	4
29	1	1	2	2	2	2	2	4	5	5	4	4	2.0	48	5
30	1	1	1	1	0	0	0	1	1	0	1	1	1.6	48	6
A E	2	2	2	2	2	3	3	4	4	4	4	4			
N	15	14	15	15	15	15	15	15	15	15	15	15			
MAX	4	5	7	7	9	11	13	14	15	15	15	14			

LOS ANGELES ATMOSPHERIC REACTION STUDY - SRL/BBN

CARBON MONOXIDE / HALF HOUR AVERAGE / IN PPM

HUNTINGTON PARK STATION

DAY	HOUR (PST)											10/68
	0	1	2	3	4	5	6	7	8	9	10	11
1	1	0	0	0	0	0	1	1	0	1	1	2
2	4	4	4	4	4	4	5	5	5	6	7	15
3	2	1	1	1	1	2	2	1	0	1	2	3
4	1	2	2	1	1	1	1	1	2	2	3	4
5	10	13	12	12	11	11	9	8	9	9	10	12
6	5	5	5	4	3	4	4	3	2	2	2	2
7	4	4	4	4	4	3	3	3	4	4	9	14
8	3	3	2	3	2	2	2	3	2	2	2	8
9	2	2	3	3	3	4	5	6	6	5	7	8
10	4	5	4	3	3	3	4	2	2	4	5	7
11	4	5	4	6	7	6	6	6	6	7	6	5
12	2	2	1	1	1	2	3	4	3	4	4	5
13	9	9	10	10	9	9	8	8	7	7	7	7
14	2	2	1	1	1	1	1	1	1	1	0	1
15	5	5	4	4	1	0	0	0	0	0	0	1
16	4	5	5	6	5	4	3	3	3	4	4	8
17	20	17	15	14	11	10	7	5	5	5	7	13
18	10	7	5	4	3	2	2	2	2	3	4	6
19	4	5	5	6	6	6	8	6	5	5	7	11
20												
21	5	5	5	6	5	6	6	6	6	8	9	6
22	6	5	4	4	3	4	5	6	7	9	9	11
23	8	9	9	9	9	9	9	10	10	11	12	13
24												
25	22	19	19	15	13	13	14	14	14	13	17	18
26	5	5	5	5	5	6	6	7	7	8	9	10
27	11	8	8	7	7	8	8	8	7	8	8	8
28	3	3	3	3	3	4	4	3	3	3	3	3
29	3	4	4	3	4	5	4	4	4	3	2	2
30	1	1	1	1	1	1	1	2	1	2	2	2
31	6	7	5	4	4	5	5	5	4	4	4	3
AVE	6	6	5	5	4	5	5	5	4	5	6	7
N	29	29	29	29	29	29	29	29	29	29	29	29
MAX	22	19	19	15	13	13	14	14	14	13	17	18

LOS ANGELES ATMOSPHERIC REACTION STUDY - SRL/BBN

CARBON MONOXIDE / HALF HOUR AVERAGE / IN PPM

HUNTINGTON PARK STATION

DAY	HOUR (PST)											10/68
	6		7		8		9		10		11	
1	2	4	5	4	3	3	2	2	2	2	2	2
2	18	23	18	11	5	2	1	0	1	1	0	0
3	3	3		2	1	1	0	0	1	1	1	1
4	4	5	6	5	3	2	0	1	0	0	1	1
5	14	16	15	9	6	5	5	5	5	4	3	3
6	2	2	2	2	2	2	2	2	2	2	1	2
7	13	12	12	4	1	1	1	1	1	1	1	2
8	12	12	19	8	5	5	4	4	4	3	2	2
9	7	11	8	5	2	2	1	1	1	0	0	0
10	10	9	5	3	2	2	2	2	1	2	2	2
11	4	5	7	5	5	4	4	3	1	0	1	1
12	5	5	4	3	2	2	2		0	0	0	0
13	6	6	5	3	3	3	1	1	0	1	0	1
14	1	3	3	1	2	1	1	1	0	1	0	0
15	5	7	10	5	4	4	3	3	2	1	1	0
16	20	28	25	24	13	5	5	4	3	2	2	1
17	17	24	23	18	10	6	3	3	2	2	2	1
18	7	11	18	20	7	4	4	3	3	3	3	3
19	14	19	14	13	12	11	9	6	5	3	2	1
20												2
21	7	8	8	8	9	9	9	9	8	7	6	5
22	13	15	19	21	22	20	20	19	19	20	17	13
23	13	16	19	20	21	23	25	22	18	13	10	6
24		33	27	29	16	7	6	3	3	3	2	3
25	24	27	37	30	19	19	11	11	12	11	10	6
26	10	10	10	11	12	12	12		11	9	9	9
27	8	8	8	9	8	8	8	9	9	9	8	7
28	4	5	5	6	6	6	6	6	6	6	6	6
29	3	2	3	5	4	3	3	4	5	5	5	4
30	2	4	4	2	2	2	1	1	1	1	0	
31	5	8	8	5	2	0	0	1	0	0	0	0
AVE	9	11	12	10	7	6	5	5	4	4	3	3
N	29	30	29	30	30	30	30	28	30	30	30	30
MAX	24	33	37	30	22	23	25	22	19	20	17	13

LOS ANGELES ATMOSPHERIC REACTION STUDY - SRL/BBN

CARBON MONOXIDE / HALF HOUR AVERAGE / IN PPM

HUNTINGTON PARK STATION

DAY	HOUR (PST)											10/68
	12	13	14	15	16	17	18	19	20	21	22	23
1	1	1	1	1	2	1	2	2	2	2	1	2
2	0	0	1	1	0	1	1	1	1	1	1	1
3	1	1	1	1	0	1	1	1	1	1	1	0
4	1	1	1	1	1	1	1	1	1	1	1	1
5	2	2	2	2	2	1	1	1	1	1	1	2
6	2	2	2	2	2	2	3	4	4	3	3	3
7	2	2	2	1	1	1	2	2	2	2	2	2
8	1	1	1	1	1	1	2	2	2	2	2	2
9	0	0	1	1	2	1	0	0	0	1	1	0
10	3	3	3	3	2	2	2	1	1	1	1	1
11	1	1	1	1	2	2	2	2	2	1	1	1
12	0	1	1	0	0	0	0	0	0	1	0	0
13	1	1	1	1	1	0	0	0	0	1	0	1
14	1	1	1	1	1	1	2	2	2	3	2	3
15	1	1	1	0	0	1	1	1	2	2	2	2
16	1	0	0	1	1	1	1	1	1	2	3	5
17	1	1	1	1	1	1	1	1	2	2	2	3
18	2	2	1	1	3	3	4	4	5	5	7	3
19	1	1	2	1	1	0	0	0	1	1	1	2
20	2	2	2	1	1	1	1	1	1	1	1	2
21	4	4	4	4	3	2	2	2	3	3	3	7
22	8	6	4	3	3	4	4	4	4	5	5	5
23	6	9	6	5	4	3	4	4	4	5	4	5
24	1	1	3	3	4	3	4	4	5	6	8	9
25	5	4	4	5	5	4	4	5	6	8	8	5
26	10	7	6	5	5	5	5	5	5	5	5	4
27	4	3	3	2	2	2	2	2	2	2	3	4
28	6	6	6	7	4	4	4	4	3	2	3	1
29	2	1	1	1	1	1	1	1	1	1	1	2
30	0	1	1	0	0	0	0	1	1	3	3	5
31	0	0	1	2	2	2	2	3	2	4	4	5
AVE	2	2	2	2	2	2	2	2	2	2	3	3
N	31	31	31	31	31	31	31	31	31	31	31	30
MAX	10	9	6	7	5	5	5	5	6	8	8	9

LOS ANGELES ATMOSPHERIC REACTION STUDY - SRL/BBN

CARBON MONOXIDE / HALF HOUR AVERAGE / IN PPM

HUNTINGTON PARK STATION

DAY	HOUR (PST)												10/68		
	18		19		20		21		22		23		AVE	N	MAX
1	2	2	1	1	1	2	2	1	2	3	3	3	1.7	48	5
2	1	1	0	1	3	3	3	3	2	2	1	2	3.7	48	23
3	1	0	0	1	1	1	0	0	0	0	0	1	1.0	47	3
4	2	2	2	1	1	2	3	5	7	6	7	12	2.3	48	12
5	1	2	2	2	2	2	2	3	3	4	3	5	5.5	48	16
6	3	3	3	4	3	3	4	4	4	4	4	4	2.9	48	5
7	2	2	2	3	3	3	3	2	2	2	2	5	3.4	48	14
8	2	2	2	3	3	4	4	3	3	2	2	2	3.4	48	19
9	0	0	1	2	3	2	1	2	2	3	3	4	2.5	48	11
10	1	1	1	0	1	2	4	5	3	4	5	4	3.0	48	10
11	0	1	0	1	1	1	4	5	6	3	3	2	3.2	48	7
12	1	1	1	1	2	1	3	4	5	7	7	11	2.2	47	11
13	1	1	1	1	1	1	1	2	2	2	2	2	3.2	48	10
14	2	2	1	1	1	2	2	2	2	3	4	4	1.5	48	4
15	3	4	5	6	6	6	5	6	7	6	5	4	3.0	48	10
16	9	16	19	19	20	18	20	21	24	24	22	22	9.1	48	28
17	5	6	7	8	7	8	7	13	14	15	12	10	7.7	48	24
18	8	9	11	10	12	8	7	4	3	3	3	4	5.5	48	20
19	3	5	7	3	1	1	1	2	3	5	3	1	4.8	48	19
20	2	1	2	2	2	3	3	6	5	4	4	4	2.2	25	6
21	3	3	4	5	5	6	6	6	5	5	5	6	5.5	47	9
22	5	4	3	3	4	4	4	4	5	5	6	7	8.4	48	22
23	5	5	5	4	4	5	7	8					9.8	44	25
24	7	11	3	9	9	14	13	14	16	20	22	24	9.7	35	33
25	6	6	6	5	4	4	3	4	5	4	4	4	11.0	48	37
26	5	5	5	6	7	8	9	9	9	10	11	8	7.5	47	12
27	3	5	4	4	3	2	1	1	1	2	2	2	5.3	48	11
28	3	3	3	3	3	2	2	3	3	4	2	2	4.0	48	7
29	0	1	1	2	3	4	1	1	1	0	0	1	2.4	48	5
30	4	4	5	6	6	6	5	5	7	7	6	6	2.4	47	7
31	5	4	3	3	3	4	4	5	4	3	4	4	3.3	48	8
AVE	3	4	4	4	4	4	4	5	5	5	5	6			
N	31	31	31	31	31	31	31	31	30	30	30	30			
MAX	9	16	19	19	20	18	20	21	24	24	22	24			

LOS ANGELES ATMOSPHERIC REACTION STUDY - SRL/BBN

CARBON MONOXIDE / HALF HOUR AVERAGE / IN PPM

HUNTINGTON PARK STATION

DAY	HOUR (PST)										11/68	
	0		1		2		3		4		5	
1	4	4	4	4	3	3	4	4	4	5	6	5
2	11	9	11	13	13	12	10	8	8	8	8	6
3	4	4	6	8	8	7	10	9	9	7	7	7
4	2	2	2	2	2	1	1	2	2	2	2	2
5	7	7	7	7	8	7	7	7	7	7	7	6
6	18	15	14	11	11	10	10	9	8	8	7	10
7	11	11	10	10	9	8	7	8	9	9	10	13
8	21	20	17	15	14	13	11	11	10	10	8	10
9	31	26	22	15	10	7	5	5	6	5	4	6
10	18	18	18	22	23	23	22	21	19	15	13	12
11	7	5	5	5	5	5	5	5	5	5	7	7
12	3	3	3	3	3	4	4	4	4	4	5	4
AVE	11	10	10	10	9	8	8	8	8	7	7	7
N	12	12	12	12	12	12	12	12	12	12	12	12
MAX	31	26	22	22	23	23	22	21	19	15	13	13

LOS ANGELES ATMOSPHERIC REACTION STUDY - SRL/BBN

CARBON MONOXIDE / HALF HOUR AVERAGE / IN PPM

HUNTINGTON PARK STATION

DAY	HOUR (PST)											11/68
	6		7		8		9		10		11	
1	7	15	13	5	3	1	1	0	0	0	0	0
2	6	5	6	4	3	3	3	3	3	3	2	2
3	8	3	7	5	2	1	1	1	1	1	2	2
4	3	7	9	6	4	2	1	1	1	1	1	0
5	7	12	14	14	10	6	2	1	2	1	1	1
6	8	11	11	9	9	6	5	4	3	2	2	3
7	15	18	20	20	13	4	2	3	2	1	2	1
8	13	20	24	24	28		11	8	3	1	1	1
9	7	10	11	10	5	4	4	4	3	3	3	3
10	10	11	10	10	8	7	6	4	4	4	4	4
11	6	11	15		18	16	12	10	7	6	6	7
12	7	11	14	9	7	5	4	4	4	5	4	4
AVE	8	12	13	11	9	5	4	4	3	2	2	2
N	12	12	12	11	12	11	12	12	12	12	12	12
MAX	15	20	24	24	28	16	12	10	7	6	6	7

LOS ANGELES ATMOSPHERIC REACTION STUDY - SRL/BBN

CARBON MONOXIDE / HALF HOUR AVERAGE / IN PPM

HUNTINGTON PARK STATION

DAY	HOUR (PST)										11/68	
	12		13		14		15		16		17	
1	0	0	0	0	0	0	0	0	1	1	2	1
2	2	1	1	1	1	1	1	1	0	0	0	0
3	2	1	0	0	0	0	0	0	0	0	0	1
4	0	0	0	0	0	0	0	0	0	1	1	1
5	1	1	2	1	1	1	1	1	1	2	2	3
6	3	2	2	2	4	4	4	4	3	3	3	5
7	1	1	2	2	2	3	5	5	5	6	7	8
8	1	1	0	0	0	0	1	0	1	3	6	8
9	2	2	2	3	4	4	3	3	4	4	6	10
10	4	4	4	4	6	6	7	7	8	8	10	9
11	7	4	3	3	5	5	4	4	5	6	9	12
12	4	3	3	3								
AVE	2	2	2	2	2	2	2	2	3	3	4	5
N	12	12	12	12	11	11	11	11	11	11	11	11
MAX	7	4	4	4	6	6	7	7	8	8	10	12

LOS ANGELES ATMOSPHERIC REACTION STUDY - SRL/BBN

CARBON MONOXIDE / HALF HOUR AVERAGE / IN PPM

HUNTINGTON PARK STATION

DAY	HOUR (PST)												11/68		
	18		19		20		21		22		23		AVE	N	MAX
1	1	1	1	0	1	2	4	6	7	8	13	13	3.3	48	15
2	0	0	0	2	3	4	6	7	8	9	6	4	4.5	48	13
3	1	1	1	2	1	2	2	1	1	1	2	2	3.0	48	10
4	1	1	1	2	3	3	6	7	9	8	9	9	2.5	48	9
5	3	4	5	7	8	8	9	14	13	16	19	19	6.2	48	19
6	5	6	8	7	8	9	9	11	12	12	12	11	7.4	48	18
7	7	11	13	16	17	14	16	20	19	18	18	21	9.4	48	21
8	9	11	11	14	18	20	20	20	19	21	26	28	11.3	47	28
9	11	13	13	9	9	9	11	13	14	16	17	16	8.5	48	31
10	9	11	16	16	17	19	24	24	24	16	11	8	12.0	48	24
11	13	14	16	15	4	3	3	3	2	2	3	3	7.0	47	18
12													4.8	28	14
AVE	5	7	8	8	8	8	10	11	12	12	12	12			
N	11	11	11	11	11	11	11	11	11	11	11	11			
MAX	13	14	16	16	18	20	24	24	24	21	26	28			

LOS ANGELES ATMOSPHERIC REACTION STUDY - SRL/BBN

TOTAL OXIDANTS / HALF HOUR AVERAGE / IN PPHM

HUNTINGTON PARK STATION

DAY	HOUR (PST)						9/68					
	0	1	2	3	4	5						
1												
2												
3												
4												
5	4	4	4	4	4	4	4	4	4	3	4	4
6	2	2	2	2	2	2	2	2	2	2	2	2
7	2	2	2	2	2	2	2	2	2	2	2	2
8	2	2	2	2	2	2	2	2	2	2	2	2
9	2	2	2	2	2	2	2	2	2	2	2	2
10	2	2	2	2	2	2	2	2	2	2	2	2
11	1	1	1	1	1	1	1	1	1	1	1	1
12	1	1	1	1	1	1	1	1	1	1	1	1
13	1	1	1	1	1	1	1	1	1	1	1	1
14												
15												
16												
17	1	1	1	1	1	1	1	1	1	1	1	1
18	1	1	1	1	1	1	1	1	1	1	1	1
19	1	1	1	1	1	1	1	1	1	2	1	1
20	1	1	1	1	1	1	1	1	1	1	1	1
21	1	1	1	1	1	1	1	1	1	1	1	1
22	1	1	1	1	1	1	1	1	1	1	1	1
23	1	1	1	1	1	1	1	1	1	1	1	1
24	1	1	1	1	1	1	1	1	1	1	1	1
25	1	1	1	1	1	1	1	1	1	1	1	1
26	3	3	3	3	2	2	2	2	2	2	2	2
27	1	1	1	1	1	1	1	1	1	1	1	1
28	1	1	1	1	1	1	1	1	1	1	1	1
29	4	4	4	4	4	4	4	4	4	4	4	4
30	1	1	1	1	1	1	1	1	2	3	2	2
AVE	2	2	2	2	2	2	2	2	2	2	2	2
N	23	23	23	23	23	23	23	23	23	23	23	23
MAX	4	4	4	4	4	4	4	4	4	4	4	4

LOS ANGELES ATMOSPHERIC REACTION STUDY - SRL/BBN

TOTAL OXIDANTS / HALF HOUR AVERAGE / IN PPHM

HUNTINGTON PARK STATION

DAY	HOUR (PST)						9/68					
	6	7	8	9	10	11						
1												
2												
3												
4												
5	4	4	4	3	2	2	2	2	3	3	3	5
6	2	2	2	2	3	4	6	10	14	18	13	10
7	2	2	2	3	4	5	8	11	17	19	18	16
8	2	2	2	2	2	2	3	3	6	10	13	13
9	2	2	2	3	4	5	9	15	21	23	23	24
10	2	2	2	2	2	4	6	6	5	4	4	6
11	1	1	1	1	2	6	3	3	2	1	2	2
12	1	1	1	1	1	1	1	2	2	2	2	2
13	1	1	1	3	2	2	2	2	2	2	4	
14												
15												
16				1	2	2	3	4	5	6	7	7
17	1	1	1	1	2	2	3	4	4	4	4	4
18	1	1	1	1	2	2	2	2	2	3	4	5
19	1	1	1	1	1	1	2	2	2	1	1	1
20	1	1	1	1	1	1	1	1	1	1	1	1
21	1	1	1	1	1	1	1	1	1	2	3	3
22	1	1	1	1	2	2	4	6	8	9	9	10
23	1	1	1	1	2	2	2	2	2	4	6	7
24	1	1	1	1	1	1	2	3	5	7	8	10
25	1	1	1	3	3	3	4	6	8	12	16	21
26	2	2	2	3	3	3	3	6	11	14	17	20
27	2	2	2	2	2	2	2	2	3	4	6	10
28	1	1	1	1	2	2	2	3	3	3	2	3
29	3	3	3	2	2	2	2	2	2	2	2	2
30	1	1	1	1	1	1	1	1	1	1	1	1
AVE	2	2	2	2	2	2	3	4	5	6	7	8
N	23	23	23	24	24	24	24	24	24	24	24	23
MAX	4	4	4	3	4	6	9	15	21	23	23	24

LOS ANGELES ATMOSPHERIC REACTION STUDY - SRL/BBN

TOTAL OXIDANTS / HALF HOUR AVERAGE / IN PPHM

HUNTINGTON PARK STATION

DAY	HOUR (PST)						9/65					
	12	13	14	15	16	17						
1												
2												
3												
4					5	5	6	6	5	3	3	
5	9	8	7	7	5	8	10	10	9	7	6	5
6	7	7	9	9	8	7	6	5	5	5	5	5
7	10	11	15	12	13	14	11	6	5	5	4	4
8	8	8	8	7	10	11	12	9	9	8	9	9
9	32	19	9	9						3	3	2
10	5	2	2	3	3	2	4	3	3	2	2	2
11	2	3	3	2	2	3	3	3	3	2	2	2
12	2	2	3	4	4	4	5	4	3	3	2	2
13			3	3	3	3	3					
14												
15												
16	5	5	4	5	5	4	3	3	3	2	2	2
17	4	4	5	4	3	4	3	3	2	2	2	2
18	6	5	6	6	4	4	3	3	3	2	2	2
19	1	1	2	2	2	2	2	2	2	2	2	2
20	1	1	1	2	2	2	2	2	2	2	2	1
21	3	4	4	4	4	5	6	5	5	4	3	3
22	10	7	6	6	6	5	5	6	5	4	3	2
23	6	7	7	6	6	8	8	6	5	5	5	3
24	10	10	15	11	11	7	9	6	5	7	7	5
25	29	22	14	13	13	13	13	13	15	13	15	13
26	9	3	6	8	10	8	9	9	7	5	4	2
27	15	9	3	5	8	3	3	3	4	4	3	3
28	2	2	3	4	4	4	2	2	2	2	2	2
29	3	2	3	3	3	3	4	3	3	2	2	2
30	2	2	3	2	2	2	2	2	2	2	2	2
AVE	8	6	6	6	6	5	6	5	5	4	4	3
N	23	23	24	24	23	24	24	23	23	24	24	24
MAX	32	22	15	13	13	14	13	13	15	13	15	15

LOS ANGELES ATMOSPHERIC REACTION STUDY - SRL/BBN

TOTAL OXIDANTS / HALF HOUR AVERAGE / IN PPHM

HUNTINGTON PARK STATION

DAY	HOUR (PST)												9/68		
	18	19	20	21	22	23							AVE	N	MAX
1															
2															
3															
4	4	4	4	3	3	3	3	2	2	3	3	3	3.7	19	6
5	4	4	3	3	3	3	2	2	2	2	2	2	4.3	48	10
6	3	3	3	3	3	2	2	2	2	2	2	2	4.5	48	18
7	4	4	3	3	3	2	2	2	2	2	2	2	5.7	48	19
8	8	5	4	4	3	3	3	3	2	2	2	2	4.9	48	13
9	3	3	2	2	2	2	2	2	2	2	2	2	6.0	43	32
10	2	2	2	2	2	2	2	2	2	1	1	1	2.6	48	6
11	2	2	2	2	1	1	1	1	1	1	1	1	1.7	48	6
12	2	2	2	2	1	1	1	1	1	1	1	1	1.7	48	5
13													1.8	28	4
14															
15															
16	2	1	1	1	1	1	1	1	1	1	1	1	2.8	33	7
17	2	2	1	1	1	1	1	1	1	1	1	1	2.0	48	5
18	1	1	1	1	1	1	1	1	1	1	1	1	2.0	48	6
19	2	2	2	2	2	2	2	2	2	2	1	1	1.5	48	2
20		1	1	1	1	1	1	1	1	1	1	1	1.2	47	2
21	3	2	2	1	1	1	1	1	1	1	1	1	2.0	48	6
22	1	1	1	1	1	1	1	1	1	1	1	1	3.0	48	10
23	1	1	1	1	1	1	1	1	1	1	1	1	2.6	48	8
24	3	2	2	2	1	1	1	1	1	1	1	1	3.6	48	15
25	11	8	7	4	3	3	3	3	3	3	3	3	6.9	48	29
26	2	2	2	2	2	2	2	1	1	1	1	1	4.4	48	20
27	3	3	3	3	3	3	3	2	2	2	1	1	3.0	48	15
28	2	2	2	3	2	3	3	4	3	3	4	4	2.1	48	4
29	2	1	1	1	1	1	1	1	1	1	1	1	2.5	48	4
30	1	1	1	1	2	2	2	2	1	1	1	1	1.5	48	3
AVE	3	2	2	2	2	2	2	2	2	2	2	2			
N	23	24	24	24	24	24	24	24	24	24	24	24			
MAX	11	8	7	4	3	3	3	4	3	3	4	4			

LOS ANGELES ATMOSPHERIC REACTION STUDY - SRL/BBN

TOTAL OXIDANTS / HALF HOUR AVERAGE / IN PPHM

HUNTINGTON PARK STATION

DAY	HOUR (PST)											10/68
	0	1	2	3	4	5	6	7	8	9	10	11
1	1	1	3	3	3	3	2	2	1	1	1	1
2	1	1	1	1	1	1	1	1	2	2	2	1
3	1	1	1	1	1	1	1	1	1	1	1	1
4	2	1	1	1	1	1	1	1	1	1	1	1
5	1	1	1	1	1	1	1	1	1	1	1	1
6	1	1	1	1	1	1	1	2	2	2	1	1
7	2	2	2	2	2	2	2	2	2	2	2	2
8	1	1	1	1	2	2	2	2	2	1	1	1
9	2	1	1	1	1	1	1	1	1	1	1	1
10	1	1	1	1	1	1	1	1	1	1	1	1
11	1	1	1	1	1	1	1	1	1	1	1	1
12	1	1	1	1	1	1	1	1	1	1	1	1
13	1	1	1	1	1	1	1	1	1	1	1	1
14	1	1	1	1	1	1	1	1	1	1	1	1
15	1	1	1	1	1	1	2	2	2	2	2	1
16	1	1	1	1	1	1	1	1	1	1	1	1
17	2	2	2	2	2	2	2	2	2	2	2	2
18	2	2	2	2	2	2	2	2	2	1	1	1
19	1	1	1	1	1	1	1	1	1	1	1	1
20	1	1	1	1	1	1	2	2	2	2	2	2
21	2	2	2	2	1	2	2	2	2	2	2	2
22	2	1	1	1	1	2	2	2	2	2	2	2
23	2	2	2	2	2	2	2	2	2	2	2	2
24	2	2	2	2	2	2	2	2	2	2	2	2
25	2	3	3	2	2	2	2	2	2	2	2	2
26	2	2	2	2	2	2	2	2	2	2	2	2
27	2	2	2	2	2	2	2	2	2	2	2	2
28	1	2	1	2	2	2	2	2	2	2	1	2
29	2	1	1	1	2	2	2	2	2	0	1	1
30	1	1	1	1	1	1	1	1	1	1	1	1
31	1	1	1	1	1	1	1	1	1	1	1	1
AVE	1	1	1	1	1	1	1	1	1	1	1	1
N	31	31	31	31	31	31	31	31	31	31	30	31
MAX	2	3	3	3	3	3	2	2	2	2	2	2

LOS ANGELES ATMOSPHERIC REACTION STUDY - SRL/BBN

TOTAL OXIDANTS / HALF HOUR AVERAGE / IN PPHM

HUNTINGTON PARK STATION

DAY	HOUR (PST)										10/68	
	6		7		8		9		10		11	
1	1	1	1	1	1	1	1	1	1	1	1	2
2	1	1	1	1	1	1	1	1	1	2	2	4
3	1	1	1	1	1	1	1	1	2	2	4	4
4	1	1	1	1	1	1	1	1	2	2	2	2
5	1	1	1	2	2	2	2	3	5	7	10	14
6	1	1	3	3	4	5	6	7	8	7	5	6
7	1	1	1	1	2	2	1	1	1	1	1	2
8	1	1	1	2	2	2	2	3	4	4	5	6
9	1	1	1	1	1	1	2	2	2	2	2	4
10	1	1	1	1	1	1	1	2	2	2	2	3
11	1	1	1	1	1	1	2	2	2	2	2	2
12	1	1	1	1	1	1	2	2	3	4	6	7
13	1	1	1	1	2	2	2	2	2	3	5	5
14	1	1	1	1	1	1	1	1	1	1	1	2
15	1	1	1	1	1	2	2	2	2	3	3	4
16	1	1	2	2	2	2	2	3	3	4	6	8
17	2	2	2	2	2	2	2	2	3	4	5	7
18	1	1	2	2	2	2	2	2	2	3		4
19	1	1	1	2	2	2	3	3	3	4	6	8
20	1	1	1	1	2	2	2	2	2	4	5	7
21	2	2	1	1	2	2	2	3	3	4	7	11
22	2	2	2	2	3	4	4	4	6	11	15	19
23	2	2	2	2	3	4	5	5	6	8	14	17
24	2	2	2	2	2	2	3	4	5	7	9	13
25	2	2	2	3	3	4	3	3	4	4	7	11
26	2	2	2	2	3	3	4	4	4	7	12	17
27	2	2	2	2	2	3	3	3	4	5	9	15
28	2	2	2	2	2	2	2	2	2	3	3	4
29	2	2	2	2	2	2	2	2	3	3	3	3
30	1	1	1	1	1	1	1	1	1	1	1	1
31	1	1	0	0	0	1	1	1	1	1	1	1
AVE	1	1	1	2	2	2	2	2	3	4	5	7
N	31	31	31	31	31	31	31	31	31	31	30	31
MAX	2	2	3	3	4	5	6	7	8	11	15	19

LOS ANGELES ATMOSPHERIC REACTION STUDY - SRL/BBN

TOTAL OXIDANTS / HALF HOUR AVERAGE / IN PPHM

HUNTINGTON PARK STATION

DAY	HOUR (PST)											10/68
	12		13		14		15		16		17	
1	2	2	2	2	2	2	2	1	1	1	2	2
2	3	3	3	2	2	2	2	2	2	2	2	2
3	5	4	2	2	2	4	4	3	3	3	1	2
4	2	3	3	4	4	4	3	3	2	2	2	2
5	15	15	9	10	12	10	8	8	7	5	5	4
6	6	6	7	7	8	9	9	8	8	7	8	7
7	2	3	2	3	5	5	6	5	4	4	5	4
8	6	7	5	6	4	4	3	4	4	3	3	3
9	5	5	5	4	3	3	1	1	2	3	3	2
10	3	4	6	6	6	5	7	3	2	2	2	2
11	2	2	2	2	3	5	4	4	3	2	2	2
12	8	6	4	5	7	6	5	4	5	4	4	3
13	5	6	5	5	4	3	2	2	2	2	2	2
14	2	2	2	2	2	2	2	2	2	2	2	1
15	3	4	4	3	2	2	2	2	2	2	2	2
16	11	9	9	10	5	6	3	2	2	2	2	2
17	8	9	10	9	8	6	4	2	2	2	2	2
18	4	3	4	4	3	3	2	2	2	2	2	2
19	4	4	7	5	2	2	4	4	3	3	2	2
20	7	3	5	6	6	6	6	5	5	5	5	4
21	15	18	10	8	9	9	9	8	7	6	5	4
22	18	17	15	13	11	9	10	10	8	6	3	3
23	19	26	14	14	14	12	10	10	9	9	7	5
24	14	13	18	14	16	17	15	16	14	12	9	6
25	17	17	8	9	14	8	7	7	9	8	8	3
26	17	9	6	9	13	13	12	11	8	6	6	5
27	15	13	12	13	12	11	10	8	8	9	6	3
28	5	8	11	15	6	4	5	6	5	5	4	2
29	3	2	2	3	3	2	2	3	2	1	1	1
30	1	1	2	1	1	1	1	1	1	1	1	1
31	1	1	1	1	1	2	1	1	1	1	1	1
AVE	7	7	6	6	6	6	5	5	4	4	4	3
N	31	31	31	31	31	31	31	31	31	31	31	31
MAX	19	26	18	15	16	17	15	16	14	12	9	7

LOS ANGELES ATMOSPHERIC REACTION STUDY - SRL/BBN

TOTAL OXIDANTS / HALF HOUR AVERAGE / IN PPHM

HUNTINGTON PARK STATION

DAY	HOUR (PST)												10/68		
	18	19	20	21	22	23	1	2	3	4	5	6	AVE	N	MAX
1	2	1	1	2	2	2	1	1	1	1	1	1	1.5	48	3
2	2	2	2	1	1	1	1	1	1	3	3	2	1.5	48	4
3	2	1	1	1	2	2	2	2	3	1	1	1	2.0	48	5
4	2	2	1	2	1	1	1	1	1	1	1	1	1.6	48	4
5	4	3	3	3	3	2	2	2	2	1	1	2	4.1	48	15
6	7	5	3	3	3	3	3	2	2	2	2	2	4.1	48	9
7	4	4	4	3	3	3	2	2	1	1	2	2	2.4	48	6
8	3	3	3	2	2	2	2	1	1	2	2	2	2.7	48	7
9	2	2	2	2	1	1	1	1	1	1	1	1	1.8	47	5
10	2	2	2	3	2	2	2	1	1	1	1	1	2.0	48	7
11	2	2	2	2	2	1	1	1	1	1	1	1	1.7	48	5
12	3	2	2	2	2	2	2	1	1	1	1	1	2.6	48	8
13	2	1	1	1	1	1	1	1	1	1	1	1	1.9	48	6
14	1	1	1	1	1	1	1	1	1	1	1	1	1.3	48	2
15	1	1	1	1	1	1	1	1	1	1	1	1	1.7	48	4
16	2	2	2	2	2	2	2	2	2	2	2	2	2.8	48	11
17	2	2	1	1	1	1	1	1	1	1	1	1	2.9	48	10
18	2	2	2	2	2	2	2	2	1	1	1	1	2.1	47	4
19	2	2	2	2	2	2	2	2	1	1	1	1	2.3	48	8
20	2	2	2	2	2	2	2	2	2	2	2	2	2.9	48	7
21	4	4	4	4	4	3	2	2	2	2	2	2	4.1	48	18
22	3	3	2	2	2	2	2	2	2	2	2	2	5.0	48	19
23	2	2	2	2	2	2	2	2	2	2	2	2	5.6	48	26
24	3	3	2	2	2	2	2	2	2	2	2	2	5.5	48	18
25	3	2	2	2	2	2	2	2	2	2	2	2	4.5	48	17
26	3	2	2	2	2	2	2	2	2	2	2	2	4.7	48	17
27	3	2	2	2	2	2	2	2	2	2	2	2	4.6	48	15
28	2	2	2	2	2	2	2	2	2	2	2	2	3.1	48	15
29	2	2	2	2	2	2	2	2	2	2	2	2	1.8	48	3
30	1	1	1	1	1	1	1	1	1	1	1	1	1.0	48	2
31	1	1	1	1	0	0	0	0	1	1	1	2	.9	48	2
AVE	2	2	2	2	2	2	2	1	1	1	1	1			
N	31	31	31	31	31	31	31	31	31	31	31	31			
MAX	7	5	4	4	4	3	3	2	3	3	3	2			

LOS ANGELES ATMOSPHERIC REACTION STUDY - SRL/BBN

TOTAL OXIDANTS / HALF HOUR AVERAGE / IN PPHM

HUNTINGTON PARK STATION

DAY	11/68										
	HOUR (PST)										
	0	1	2	3	4	5	6	7	8	9	10
1	2	2	3	3	3	3	3	3	3	3	3
2	1	1	1	1	1	1	1	1	1	1	1
3	1	1	1	1	1	1	1	1	1	1	1
4	1	1	1	1	1	1	1	1	1	1	1
5	1	1	1	1	1	1	1	1	1	1	1
6	1	1	1	2	1	1	1	1	1	1	1
7	2	2	2	2	2	2	2	2	2	2	2
8	4	4	4	4	4	4	4	4	4	4	4
9	3	3	3	3	3	3	3	3	3	3	3
10	3	3	3	3	3	3	3	3	3	3	3
11	3	3	3	3	3	3	3	3	3	3	3
12	2	2	2	2	2	2	2	2	2	2	2
13	2	2	2	2	2	2	2	2	2	2	2
AVE	2	2	2	2	2	2	2	2	2	2	2
N	13	13	13	13	13	13	13	13	13	13	13
MAX	4	4	4	4	4	4	4	4	4	4	4

LOS ANGELES ATMOSPHERIC REACTION STUDY - SRL/BBN

TOTAL OXIDANTS / HALF HOUR AVERAGE / IN PPHM

HUNTINGTON PARK STATION

DAY	HOUR (PST)										11/68	
	6		7		8		9		10		11	
1	3		1	1	1	1	1	1	1	1	2	2
2	1	1	1	1	1	2	2	2	2	3	5	7
3	1	1	1	1	1	1	1	1	1	1	2	3
4	1	1	1	1	1	1	1	1	1	1	1	1
5	1	1	1	1	1	1	1	1	1	1	1	1
6	1	1	1	1	1	1	1	1	1	1	3	3
7	2	2	2	2	2	2	1	1	1	2	2	4
8	3	3	3	3	3	4	4	4	3	3	5	6
9	2	2	2	2	2	3	3	3	3	3	5	5
10	3	3	3	3	3	3	3	4	4	6	8	11
11	2	2	3	3	3	3	3	3	3	3	4	3
12	2	2	2	2	2	2	2	2	2	2	2	2
13	2	2	2	2	2	2	2	2	1	1	2	2
AVE	2	2	2	2	2	2	2	2	2	2	3	4
N	13	12	13	13	13	13	13	13	13	13	13	13
MAX	3	3	3	3	3	4	4	4	4	6	8	11

LOS ANGELES ATMOSPHERIC REACTION STUDY - SRL/BBN

TOTAL OXIDANTS / HALF HOUR AVERAGE / IN PPHM

HUNTINGTON PARK STATION

DAY	HOUR (PST)											11/68
	12		13		14		15		16		17	
1	3	3	3	2	2	1	2	4	4	3	2	1
2	9	6	9	9	11	11	9	7	5	4	2	2
3	2	2	1	1	1	1	1	1	1	1	1	1
4	2	1	1	1	1	1	1	1	1	1	1	1
5	2	3	3	2	2	2	4	5	4	2	2	2
6	5	6	7	8	9	9	10	11	9	7	3	2
7	4	4	4	5	6	7	3	4	6	5	5	4
8	5	6	5	4	5	6	5	3	2	2	2	2
9	7	10	12	9	13	17	9	8	11	10	9	4
10	13	15	18	20	20	21	22	23	22	19	11	6
11	5	7	4	5	3	3	4	3	2	3	3	3
12	2	2	2	2	2	2	2	2	2	2	2	2
13	4	4	5	5	4	1						
AVE	5	5	6	6	6	6	6	6	6	5	4	3
N	13	13	13	13	13	13	12	12	12	12	12	12
MAX	13	15	18	20	20	21	22	23	22	19	11	6

LOS ANGELES ATMOSPHERIC REACTION STUDY - SRL/BBN
 TOTAL OXIDANTS / HALF HOUR AVERAGE / IN PPHM
 HUNTINGTON PARK STATION

DAY	11/68												AVE	N	MAX
	18	19	20	21	22	23									
HOUR (PST)															
1	1	1	1	1	1	1	1	1	1	1	1	1	1.9	47	4
2	2	1	1	1	1	1	1	1	1	1	1	1	2.9	48	11
3	1	1	1	1	1	1	1	1	1	1	1	1	1.1	48	3
4	1	1	1	1	1	1	1	1	1	1	1	1	1.0	48	2
5	2	2	1	1	1	1	1	1	1	1	1	1	1.5	48	5
6	1	1	1	1	1	1	1	1	1	1	1	1	2.7	48	11
7	3	3	3	3	3	3	3	3	3	3	3	3	3.0	48	7
8	2	2	2	2	2	2	2	2	2	2	2	2	3.3	48	6
9	4	4	4	4	4	4	4	4	4	4	4	4	4.6	48	17
10	5	4	4	4	4	4	4	4	4	4	4	4	7.3	48	23
11	3	3	3	3	3	3	3	3	3	3	3	3	2.9	48	7
12	2	2	2	2	2	2	2	2	2	2	2	2	1.9	48	2
13													2.3	30	5
AVE	2	2	2	2	2	2	2	2	2	2	2	2			
N	12	12	12	12	12	12	12	12	12	12	12	12			
MAX	5	4	4	4	4	4	4	4	4	4	4	4			

LOS ANGELES ATMOSPHERIC REACTION STUDY - SRL/BBN

OZONE / HALF HOUR AVERAGE / IN PPHM

HUNTINGTON PARK STATION

DAY	HOUR (PST)					10/68				
	9	10	11	12		13				
1										
2										
3										
4										
5										
6										
7										
8			2	3	3	4				
9					3	2	3	2		
10										
11										
12										
13										
14										
15										
16				3	6	5	6	6		
17							6	5		
18										
19				4	2				3	
20										
21				7	10	12	7	5		
22			5	8	12	11	10	8		
23			2	8	11	13	18	9	9	
24		1	4	6	9	9	12	9		
25				3	7	12	12	5	6	
26			3	7	11	10	4	2	5	
27			1	5	10	10	8	8	8	
28					1	2	4	7	11	
29					1	1			1	
AVE	0	0	1	3	6	7	8	7	6	
N	0	0	1	5	7	12	11	11	13	
MAX	0	0	1	5	8	12	18	12	11	

LOS ANGELES ATMOSPHERIC REACTION STUDY - SRL/BBN

OZONE / HALF HOUR AVERAGE / IN PPHM

HUNTINGTON PARK STATION

DAY	HOUR (PST)								10/68			
	14	15	16	17	18	19	20	21	22	23	24	25
1												
2												
3												
4												
5												
6												
7												
8										3.0	4	4
9	1	1								2.0	6	3
10												
11												
12												
13												
14												
15												
16	2									4.7	6	6
17	4	2	1							3.6	5	6
18												
19										3.0	3	4
20												
21	6	6	6	5	4	3	2			6.1	12	12
22	7	5	6	6	4	2				7.4	13	12
23	9	8	6	6	5	5				8.4	13	18
24	11	12	10	11	9	8	5	3		8.0	16	12
25	10	5	4	4	6	4	4			6.3	13	12
26	9	9	8	7	5	2	2	2		5.7	15	11
27	8	7	6	4	4	5	2			6.1	14	10
28	2	1	2	3	2	2	2			3.3	12	11
29	1	0	0	1	1					.8	8	1
AVE	6	5	5	5	4	4	3	3	0	0		
N	12	11	10	9	9	8	6	2	0	0		
MAX	11	12	10	11	9	8	5	3	0	0		

LOS ANGELES ATMOSPHERIC REACTION STUDY - SRL/BBN

OZONE / HALF HOUR AVERAGE / IN PPHM

HUNTINGTON PARK STATION

DAY	HOUR (PST)								11/68	
	9	10		11		12		13		
1				1	0	1	1	1	1	
2			1	3	4	6	3	6	6	
3										
4										
5						1	1	1	0	
6				1	1	3	4	4	5	
7				0	2	2	2	2	3	
8				2	3	2	2	2	1	
9				2	2	3	6	7	5	
10		0	2	4	6	7	9	12	13	
11				0	0	2	4	2	3	
AVE	0	0	0	2	2	3	4	4	4	
N	0	0	1	2	8	8	9	9	9	
MAX	0	0	0	2	4	6	7	9	12	13

LOS ANGELES ATMOSPHERIC REACTION STUDY - SRL/BBN

OZONE / HALF HOUR AVERAGE / IN PPHM

HUNTINGTON PARK STATION

DAY	HOUR (PST)										11/68		
	14		15		16		17		18		AVE	N	MAX
1	1	0	1	2	2	1					1.0	12	2
2	7	7	6	4	3	2					4.5	13	7
3													
4											1.0	10	3
5	0	0	2	3	2	0					4.2	13	7
6	6	6	7	7	6	4	1				1.8	14	4
7	4	4	0	1	2	1	1	1			2.0	10	3
8	2	3	2	1							5.2	13	11
9	8	11	5	4	6	5	4				8.4	17	14
10	14	14	14	14	14	12	5	2	1		1.5	10	4
11	0	1	2	1									
AVE	5	5	4	4	5	4	3	2	1	0			
N	9	9	9	9	7	7	4	2	1	0			
MAX	14	14	14	14	14	12	5	2	1	0			

LOS ANGELES ATMOSPHERIC REACTION STUDY - SRL/BRN

TOTAL HYDROCARBONS / HALF HOUR AVERAGE / IN PPM

HUNTINGTON PARK STATION

DAY	HOUR (PST)						9/68					
	0	1	2	3	4	5						
1												
2												
3												
4												
5												
6												
7												
8												
9												
10												
11												
12												
13												
14												
15												
16												
17												
18												
19												
20												
21												
22												
23												
24	11	11	11	10	9	10	11	12	11	8	7	11
25	10	10	10	10	10	10	11	10	11	12	11	11
26	12	12	12	11	11	10	10	10	10	10	10	10
27	11	12	12	11	11	11	11	11	11	11	11	11
28	7	7	6	5	4	4	4	4	4	5	5	5
29	3	2	2	2	2	2	2	3	3	3	3	2
30	11	10	10	10	10	10	9	8	5	3	3	5
AVE	9	9	9	8	8	8	8	8	8	7	7	8
W	7	7	7	7	7	7	7	7	7	7	7	7
MAX	12	12	12	11	11	11	11	12	11	12	11	11

LOS ANGELES ATMOSPHERIC REACTION STUDY - SRL/HRV

TOTAL HYDROCARBONS / HALF HOUR AVERAGE / IN PPM

HUNTINGTON PARK STATION

DAY	HOUR (PST)						9/68					
	6	7	8	9	10	11						
1												
2												
3												
4												
5												
6												
7												
8												
9												
10												
11												
12												
13												
14												
15												
16												
17												
18												
19												
20												
21												
22												
23								11	11	8	6	
24	12				11	11	11	8	6	8	8	6
25	11	11	10	10	10	11	11	11	11	13	12	12
26						10	10	10	10	11	11	11
27	12	11	10	10	10	11	11	11	11	11	11	11
28	4	4	4	4	4	3	4	5	5	5	7	8
29	3	3	3	4	3	3	3	3	3	3	3	3
30	6	8	8	7	6	6	5	5	5	5	5	5
AVE	8	7	7	7	7	8	8	8	8	8	8	8
N	6	5	5	5	6	7	7	7	8	8	8	8
MAX	12	11	10	10	11	11	11	11	11	13	12	12

LOS ANGELES ATMOSPHERIC REACTION STUDY - SRL/BHN

TOTAL HYDROCARBONS / HALF HOUR AVERAGE / IN PPM

HUNTINGTON PARK STATION

DAY	HOUR (PST)						9/68					
	12	13	14	15	16	17						
1												
2												
3												
4												
5												
6												
7												
8												
9												
10												
11												
12												
13												
14												
15												
16												
17												
18												
19												
20												
21												
22												
23	6	5	6	6	5	5	5	5	4	4	4	4
24	6	6	9	7	7	7	7	7	4	5	4	4
25	11	12	11	11	11	11	12	12	12	11	12	13
26	11	12	12	13	12	11	11	10	9	9	10	11
27	11	10	10	11	11	11	10	9	8			
28	5	5	5	5	5	5	6	5	4	4	4	5
29	3	3	3	3	3	3	3	4	4	4	3	4
30	5	5	5	5	5	5	5	5	5	5	6	5
AVE	7	7	8	8	7	7	7	7	6	6	6	7
V	8	8	8	8	8	8	8	8	8	7	7	7
MAX	11	12	12	13	12	11	12	12	12	11	12	13

LOS ANGELES ATMOSPHERIC REACTION STUDY - SRL/BHM
 TOTAL HYDROCARBONS / HALF HOUR AVERAGE / IN PPM
 HUNTINGTON PARK STATION

DAY	HOUR (PST)											9/68		
	18	19	20	21	22	23	24	25	26	27	28	29	30	AVE N MAX
1														
2														
3														
4														
5														
6														
7														
8														
9														
10														
11														
12														
13														
14														
15														
16														
17														
18														
19														
20														
21														
22														
23	5	4	5	5	9	10	12	11	10	10	10	11		7.0 28 12
24	6	7	9	11	11	10	10	10	10	10	10	10		8.7 45 12
25	12	11	11	12	12	11	12	12	11	11	11	11		11.1 48 13
26	11	11	10	11	10	10	10	12	12	13	12	12		10.8 43 13
27	5	5	4	4	4	4	4	5	5	6	9	8		9.3 45 12
28	5	4	4	3	3	3	3	3	3	3	3	3		4.5 48 8
29	4	4	4	4	4	5	6	9	9	9	9	11		3.8 48 11
30	5	6	6	6	5	5	5	5	5	5	5	5		6.0 48 11
AVE	7	7	7	7	7	7	8	8	8	8	8	9		
N	8	8	8	8	8	8	8	8	8	8	8	8		
MAX	12	11	11	12	12	11	12	12	12	13	12	12		

LOS ANGELES ATMOSPHERIC REACTION STUDY - SRL/BBN

TOTAL HYDROCARBONS / HALF HOUR AVERAGE / IN PPM

HUNTINGTON PARK STATION

DAY	HOUR (PST)											10/68
	0		1		2		3		4		5	
1	5	5	4	4	3	4	4	5	5	6	9	9
2	11	11	11	11	11	11	11	10	10	10	10	10
3	7	7	6	7	7	9	9	7	4	3	5	7
4	7	9	11	11	9	10	11	11	11	11	11	11
5	10	10	10	10	10	10	10	11	11	11	10	10
6	10	11	11	11	9	9	9	8	7	7	7	7
7	10	10	10	10	9	6	9	8	8	9	10	11
8	7	8	7	7	7	7	9	8	9	6	9	10
9	6	7	8	10	10	11	11	11	11	11	11	10
10	11	11	11	11	11	11	11	11	11	11	11	11
11	11	10	11	10	10	11	11	11	10	10	10	10
12	8	7	7	6	6	7	10	10	10	11	11	11
13	10	10	10	10	10	10	10	10	10	10	10	10
14	5	5	7	8	6	5	5	4	3	3	3	4
15	11	11	11	11	6	3	3	2	2	2	3	5
16	11	10	10	10	11	11	11	11	11	11	11	11
17	9	9	9	9	9	9	10	11	11	10	10	10
18	10	11	11	11	10	9	9	8	8	10	10	11
19	9	10	10	11	11	11	11	11	11	11	10	10
20												
21	11	11	11	10	10	11	10	10	10	10	10	11
22	11	11	11	11	11	11	11	10	10	9	9	10
23	10	10	10	10	10	9	9	9	9	9	9	9
24												
25	9	9	9	9	9	9	9	9	9	9	9	9
26	10	11	11	12	11	11	11	11	11	11	11	10
27	10	11	11	11	11	11	11	11	11	11	11	11
28	8	8	9	9	9	9	9	9	9	10	10	11
29	6	9	9	9	10	11	11	9	9	8	5	4
30	5	5	6	5	6	5	6	6	6	5	7	7
31	11	11	11	10	11	11	11	11	11	11	11	11
AVE	9	9	9	9	9	9	9	9	9	9	9	9
N	29	29	29	29	29	29	29	29	29	29	29	29
MAX	11	11	11	12	11	11	11	11	11	11	11	11

LOS ANGELES ATMOSPHERIC REACTION STUDY - SRL/BBN

TOTAL HYDROCARBONS / HALF HOUR AVERAGE / IN PPM

HUNTINGTON PARK STATION

DAY	HOUR (PST)											10/68
	6		7		8		9		10		11	
1	8	9	10	8	8	9	8	7	7	7	8	6
2	10	9	9	10	11	11	11	9	8	8	7	6
3	8	7		9	7	6	5	6	6	6	6	7
4	11	11	11	11	10	7	5	5	4	5	4	5
5	9	9	9	10	11	10	10	10	10	11	10	11
6	6	6	6	6	5	5	5	5	5	5	4	4
7	11	10	11	9	4	4	5	5	5	5	5	5
8	11	11	11	11	10	10	8	8	7	7	6	6
9	10	10	11	10	9	8	7	7	7	5	6	5
10	10	11	11	10	9	9	10	8	8	8	8	8
11	11	11	11	11	11	11	11	10	8	6	6	7
12	11	10	10	8	6	6	6		6	5	5	5
13	11	10	11	11	10	10	8	4	4	4	4	5
14	4	6	7	5	5	4	4	4	4	4	3	4
15	9	11	11	9	9	10	8	7	7	6	5	4
16	10	9	9	9	10	11	11	10	9	8	7	6
17	9	9	9	10	10	11	11	9	8	7	6	6
18	11	10	9	9	11	10	8	8	6	8	6	7
19	9	9	9	9	10	10	10	11	11	9	8	7
20												9
21	11	11	10	10	10	10	10	10	10	11	11	11
22	9	9	9	9	9	9	9	9	9	9	9	9
23	9	9	9	9	8	8	8	8	9	10	10	10
24	9	9	9	9	11	11	10	8	8	8	10	7
25	9	9	8	9	9	9	10	10	10	10	10	11
26	10	10	10	10	10	10	10	10	10	11	10	11
27	11	11	10	10	10	9	10	10	10	10	10	11
28	11	11	11	11	11	11	11	11	11	11	11	11
29	7	10	11	11	11	11	9	11	11	11	11	11
30	6	7	8	4	4	4	4	3	4	4	3	
31	11	11	11	11	7	5	5	5	4	4	4	3
AVE	9	10	10	9	9	9	8	8	8	7	7	7
N	30	30	29	30	30	30	30	29	30	30	30	30
MAX	11	11	11	11	11	11	11	11	11	11	11	11

LOS ANGELES ATMOSPHERIC REACTION STUDY - SRL/BBN

TOTAL HYDROCARBONS / HALF HOUR AVERAGE / IN PPM

HUNTINGTON PARK STATION

DAY	HOUR (PST)											10/68
	12		13		14		15		16		17	
1	5	4	4	4	4	4	4	4	4	4	3	3
2	7	7	6	6	6	6	6	6	5	5	5	5
3	6	6	7	6	7	9	7	6	5	6	5	5
4	5	5	5	6	6	7	5	4	4	4	4	3
5	9	9	9	9	8	8	7	6	5	5	5	8
6	4	4	5	5	5	5	6	7	8	7	6	6
7	5	5	5	5	5	5	5	5	5	5		5
8	7	5	4	4	4	4	4	4	5	5	5	5
9	5	5	6	6	8	9	7	5	4	4	4	5
10	8	9	9	9	8	8	9	8	6	6	6	5
11	8	8	8	9	9	10	9	8	8	7	7	7
12	6	8	7	6	5	5	5	5	5	5	4	5
13	5	6	5	5	3	3	3	2	3	2	2	2
14	4	5	4	4	4	4	5	5	5	5	6	7
15	4	4	4	4	4	5	5	5	6	6	8	7
16	6	4	6	7	6	5	6	6	5	6	6	9
17	5	5	5	5	5	5	5	5	6	6	5	6
18	6	6	6	5	9	9	11	9	9	11	11	11
19	9	11	11	10	7	6	6	5	5	6	6	7
20	10	10	7	6	5	4	5	4	4	4	5	5
21	11	11	11	11	10	9	7	7	7	8	8	
22	11	11	9	7	6	6	7	7	6	7	7	9
23	10	11	11	10	8	8	8	8	8	8	8	8
24	8	9	9	11	9	9	10	10	8	9	9	11
25	11	10	11	11	11	11	10	10	11	11	11	11
26	10	11	11	10	9	8	8	8	8	9	9	8
27	10	9	9	9	8	8	7	6	6	6	8	8
28	11	11	11	11	10	9	9	9	7	5	5	6
29	9	7	6	6	6	6	6	5	5	5	4	5
30	3	4	4	3	3	3	3	4	4	6	6	5
31	4	4	4	4	5	6	6	6	6	8	10	8
AVE	7	7	7	7	7	7	6	6	6	6	6	7
N	31	31	31	31	31	31	31	31	31	31	30	30
MAX	11	11	11	11	11	11	11	10	11	11	11	11

LOS ANGELES ATMOSPHERIC REACTION STUDY - SRL/BBN

TOTAL HYDROCARBONS / HALF HOUR AVERAGE / IN PPM

HUNTINGTON PARK STATION

DAY	HOUR (PST)												10/68		
	18		19		20		21		22		23		AVE	N	MAX
1	4	5	4	3	3	3	5	4	4	6	6	8	5.4	48	10
2	4	4	4	7	8	9	9	9	8	8	7	7	8.1	48	11
3	5	4	4	5	5	5	5	3	4	4	4	5	5.9	47	9
4	4	3	4	4	4	6	9	10	10	11	11	11	7.4	48	11
5	6	6	6	5	5	6	6	9	9	10	10	11	8.8	48	11
6	5	5	6	5	6	6	6	7	8	8	8	8	6.5	48	11
7	5	5	5	5	6	6	6	4	4	4	5	8	6.5	47	11
8	5	5	5	5	5	7	6	6	5	5	5	5	6.7	48	11
9	5	5	7	7	8	8	7	8	8	9	9	11	7.8	48	11
10	5	4	4	4	7	8	9	10	8	10	11	11	8.8	48	11
11	6	6	4	7	7	8	9	10	11	10	10	9	9.0	48	11
12	5	6	5	5	6	7	9	10	11	11	11	10	7.3	47	11
13	2	2	2	3	3	3	4	4	4	5	5	5	6.1	48	11
14	5	5	4	5	5	5	5	5	6	7	11	11	5.1	48	11
15	8	11	11	11	11	11	11	11	11	11	11	11	7.4	48	11
16	11	10	9	9	9	9	9	9	9	9	9	9	8.8	48	11
17	8	11	11	10	11	11	10	10	10	9	9	10	8.4	48	11
18	11	11	11	10	10	11	11	9	7	7	8	9	9.1	48	11
19	8	11	11	9	6	6	6	7	8	11	9	6	8.9	48	11
20	5	4	5	5	6	7	9	10	11	10	11	11	6.9	25	11
21	9	8	10	11	11	11	11	11	11	11	11	11	10.1	47	11
22	9	7	6	6	7	7	8	8	9	11	11	11	8.9	48	11
23	8	9	8	9	8	9	10	11					9.0	44	11
24	11	11	11	10	9	9	9	9	9	9	9	9	9.3	36	11
25	11	11	11	9	8	8	8	10	10	9	9	9	9.7	48	11
26	8	8	8	9	10	11	11	11	11	11	10	10	10.0	48	12
27	8	10	10	8	8	7	5	5	6	6	6	8	9.0	48	11
28	6	5	5	6	6	5	5	6	6	7	4	4	8.6	48	11
29	4	4	6	8	9	9	5	4	4	4	4	4	7.5	48	11
30	6	6	8	11	11	11	10	10	11	11	11	11	6.1	47	11
31	8	7	6	5	6	7	7	8	8	7	9	10	7.7	48	11
AVE	7	7	7	7	7	8	8	8	8	8	8	9			
N	31	31	31	31	31	31	31	31	30	30	30	30			
MAX	11	11	11	11	11	11	11	11	11	11	11	11			

LOS ANGELES ATMOSPHERIC REACTION STUDY - SRL/BBN

TOTAL HYDROCARBONS / HALF HOUR AVERAGE / IN PPM

HUNTINGTON PARK STATION

DAY	HOUR (PST)											11/68
	0		1		2		3		4		5	
1	10	9	9	11	9	10	11	11	11	11	11	11
2	10	10	10	9	9	10	10	10	10	10	10	10
3	11	11	11	10	10	10	9	9	9	10	10	10
4	7	7	8	8	7	7	7	8	8	9	11	10
5	10	10	10	10	10	10	10	10	10	10	10	10
6	9	9	9	9	9	10	10	10	10	10	10	10
7	10	10	10	10	10	10	10	10	10	10	10	9
8	9	9	9	9	9	9	9	10	9	9	9	9
9	9	9	9	9	9	10	11	11	10	11	11	11
10	9	9	9	9	9	9	9	9	9	9	9	9
11	11	10	10	9	10	11	11	11	11	11	11	11
12	5	7	6	7	8	9	9	10	11	11	11	11
AVE	9	9	9	9	9	10	10	10	10	10	10	10
N	12	12	12	12	12	12	12	12	12	12	12	12
MAX	11	11	11	11	10	11	11	11	11	11	11	11

LOS ANGELES ATMOSPHERIC REACTION STUDY - SRL/BBN

TOTAL HYDROCARBONS / HALF HOUR AVERAGE / IN PPM

HUNTINGTON PARK STATION

DAY	HOUR (PST)										11/68	
	6		7		8		9		10		11	
1	11	10	10	10	8	5	4	3	3	4	3	4
2	11	11	11	11	10	11	10	9	8	8	8	7
3	9	9	10	11	9	8	8	7	6	6	6	7
4	11	11	11	11	9	5	5	5	6	5	4	4
5	11	10	10	10	10	10	7	6	7	6	6	6
6	10	10	10	11	11	11	11	10	9	8	7	8
7	9	9	9	9	10	9	7	7	6	6	6	5
8	9	9	9	9	9			11	9	6	5	5
9	10	10	9	9	11	11	11	10	9	9	8	9
10	10	9	9	9	11	11	11	10	9	9	10	9
11	11	10	9	9	9	9	10	10	11	11	11	11
12	11	11	11	11	11	9	7	7	7	7	7	7
AVE	10	10	10	10	10	9	8	8	8	7	7	7
N	12	12	12	12	12	11	11	12	12	12	12	12
MAX	11	11	11	11	11	11	11	11	11	11	11	11

LOS ANGELES ATMOSPHERIC REACTION STUDY - SRL/BBN

TOTAL HYDROCARBONS / HALF HOUR AVERAGE / IN PPM

HUNTINGTON PARK STATION

DAY	HOUR (PST)											11/68
	12		13		14		15		16		17	
1	4	4	4	5	5	4	5	5	5	4	6	5
2	7	7	6	7	6	6	6	5	5	4	5	5
3	8	6	4	4	4	4	3	3	3	3	2	3
4	4	4	4	4	4	4	5	4	4	5	4	5
5	6	6	7	6	6	5	5	6	6	7	7	8
6	8	8	7	7	10	10	10	9	7	8	7	9
7	5	5	7	7	8	9	11	11	11	11	11	11
8	5	5	5	4	4	5	5	5	5	6	9	11
9	7	7	7	10	11	11	9	8	8	9	11	11
10	8	7	7	9	11	11	11	11	11	11	11	11
11	10	11	9	9	11	11	11	8	9	10	11	11
12	6	5	5	5								
AVE	7	6	6	6	7	7	7	7	7	7	8	8
N	12	12	12	12	11	11	11	11	11	11	11	11
MAX	10	11	9	10	11	11	11	11	11	11	11	11

LOS ANGELES ATMOSPHERIC REACTION STUDY - SRL/BBN

TOTAL HYDROCARBONS / HALF HOUR AVERAGE / IN PPM

HUNTINGTON PARK STATION

DAY	HOUR (PST)												11/68		
	18		19		20		21		22		23		AVE	N	MAX
1	5	4	5	5	5	7	10	11	11	11	10	10	7.3	48	11
2	5	4	4	5	8	10	11	11	11	10	11	11	8.4	48	11
3	4	4	4	5	5	5	5	4	6	6	6	8	6.8	48	11
4	5	5	5	6	8	10	11	11	11	10	10	10	7.0	48	11
5	7	8	10	11	11	11	11	10	10	9	9	9	8.5	48	11
6	10	11	11	11	11	10	10	10	10	10	10	10	9.5	48	11
7	11	11	10	10	9	9	9	9	9	9	9	9	9.0	48	11
8	11	11	11	10	9	9	9	9	9	9	9	9	8.1	46	11
9	10	10	10	11	11	11	10	10	9	9	9	9	9.7	48	11
10	11	11	10	10	9	9	9	9	9	9	10	11	9.6	48	11
11	10	10	10	10	7	5	4	4	3	3	3	4	9.2	48	11
12													8.3	28	11
AVE	8	8	8	9	8	9	9	9	9	9	9	9			
N	11	11	11	11	11	11	11	11	11	11	11	11			
MAX	11	11	11	11	11	11	11	11	11	11	11	11			

C₁ to C₄ Hydrocarbons in Ground Level Samples

Huntington Park, California

Date 1968	Time PST	Methane ppb	Ethane ppb	Ethylene ppb	Acetylene ppb	Propane ppb	Propylene ppb	Isobutane ppb	Butane ppb	Butenes ppb
9/27	0912	--	39	5	30	13	5	6	6	---
10/3	0521	2520	47	< 5	21	11	--	< 3	91	---
10/4	1448	2020	41	< 5	11	15	16	10	19	---
10/5	1040	2830	70	< 5	47	35	8	11	43	---
10/7	0812	1810	22	< 5	8	5	5	5	4	---
10/8	0520	3670	124	< 5	17	46	6	11	28	---
10/8	0630	3450	126	24	80	50	23	18	53	---
10/8	0802	2710	70	16	43	31	14	--	36	---
10/8	1115	2460	55	< 5	11	25	14	12	21	---
10/9	0610	3840	--	58	72	93	--	--	--	---
10/9	0845	2350	--	23	21	27	--	11	27	---
10/9	1125	1970	--	16	10	15	--	11	17	---
10/10	0605	3980	--	62	82	56	--	24	121	---
10/10	0733	2590	--	23	27	38	--	21	58	---
10/10	0945	2260	--	27	26	14	--	16	40	---
10/10	1120	2630	--	26	24	38	--	14	39	---
10/11	0530	4600	--	55	60	63	--	20	95	---
10/11	0640	3260	--	62	69	31	--	16	57	---
10/11	0835	3180	--	38	43	31	--	15	35	---
10/11	1018	2130	--	12	15	19	--	14	29	---
10/14	0530	1850	--	5	8	< 4	--	12	23	---
10/14	0710	2280	--	41	94	12	--	12	27	---
10/14	1035	--	--	21	11	17	--	10	19	---

C₁ to C₄ Hydrocarbons in Ground Level Samples

Huntington Park, California

Date 1968	Time PST	Methane ppb	Ethane ppb	Ethylene ppb	Acetylene ppb	Propane ppb	Propylene ppb	Isobutane ppb	Butane ppb	Butenes ppb
10/15	0525	1800	--	10	15	< 4	--	6	9	--
10/15	0710	2400	--	69	71	22	--	13	53	--
10/15	0847	2480	--	36	34	23	--	30	35	--
10/15	1155	1700	--	8	13	< 4	--	21	38	--
10/16	0535	4050	--	55	67	48	--	12	48	--
10/16	0648	5560	--	205	244	82	--	35	129	--
10/16	0840	2840	--	51	51	31	--	14	51	--
10/16	1132	1900	--	15	--	6	--	6	25	--
10/17	0531	5090	--	87	104	73	--	16	75	--
10/17	0705	4870	--	25	167	66	--	23	99	--
10/17	0847	2990	--	32	40	31	--	14	49	--
10/18	0555	2710	92	42	46	42	24	10	42	--
10/18	0715	3920	164	108	152	66	34	16	84	--
10/18	0830	2340	59	34	55	38	14	37	43	--
10/21	0530	4370	270	40	63	84	34	17	81	< 3
10/21	0750	4020	242	87	67	103	35	30	88	< 3
10/21	0908	3410	193	55	67	82	22	24	86	< 3
10/21	1056	5190	324	106	198	141	31	31	181	< 3
10/21	1019	3110	160	42	61	69	18	16	69	< 3
10/21	1149	2560	130	26	41	40	8	10	52	< 3
10/21	1255	2920	128	34	34	65	12	< 3	52	< 3
10/22	0535	4650	317	69	106	138	< 4	24	109	9
10/22	0653	5420	383	122	139	170	46	28	126	10
10/22	0800	5980	406	139	192	166	45	34	165	10
10/22	1112	4230	239	81	131	113	25	28	140	8
10/22	1325	2030	79	11	29	23	10	6	29	5

C₁ to C₄ Hydrocarbons in Ground Level Samples

Huntington Park, California

Date 1968	Time PST	Methane ppb	Ethane ppb	Ethylene ppb	Acetylene ppb	Propane ppb	Propylene ppb	Isobutane ppb	Butane ppb	Butenes ppb
10/23	0625	5760	389	97	129	159	37	37	119	10
10/23	0742	6630	481	134	173	223	45	45	190	11
10/23	0852	7760	572	161	214	283	50	62	254	13
10/23	1055	3190	164	57	92	74	21	18	100	7
10/23	1208	2380	85	21	55	37	10	10	71	6
10/23	1312	2540	103	18	35	47	11	12	51	6
10/24	0635	7770	566	258	303	214	81	38	227	9
10/24	0742	4390	238	158	211	84	50	25	140	11
10/24	0900	--	19	21	74	41	16	10	55	6
10/24	1015	2110	49	8	27	18	6	6	44	5
10/24	1342	2230	77	23	38	33	13	7	45	4
10/25	0531	6440	383	117	143	152	37	40	170	9
10/25	0713	6670	363	234	236	81	77	44	215	14
10/25	0851	3930	190	69	105	82	26	22	100	7
10/25	1004	3760	180	76	99	81	25	23	105	7
10/25	1206	2450	81	15	38	37	8	9	55	3
10/26	1110	3430	160	49	67	74	12	16	84	< 3
10/27	1308	2520	--	26	24	142	34	10	62	< 3
10/28	0619	2710	89	26	34	131	37	--	--	--
10/28	0735	2990	105	24	47	125	31	15	72	--
10/28	0955	2930	131	36	55	123	42	19	84	--
10/28	1330	3280	173	45	45	72	13	21	72	--
10/28	1440	2260	69	12	23	36	13	9	32	--

C₁ to C₄ Hydrocarbons in Ground Level Samples

Huntington Park, California

Date 1968	Time PST	Methane ppb	Ethane ppb	Ethylene ppb	Acetylene ppb	Propane ppb	Propylene ppb	Isobutane ppb	Butane ppb	Butenes ppb
10/29	0623	2450	83	18	30	40	10	9	30	4
10/29	0927	2570	111	28	38	52	16	10	41	3
10/29	1135	2420	85	16	34	47	14	14	45	4
10/29	1402	1760	36	8	13	19	9	5	20	3
10/30	0630	2100	55	47	56	22	19	7	34	6
10/30	0847	1410	33	< 5	22	10	11	3	13	3
10/30	1000	1570	7	< 5	17	13	18	4	12	3
10/30	1441	1630	20	5	13	13	10	< 3	12	6
10/31	0616	2620	95	50	59	53	18	13	51	5
10/31	0740	2820	88	41	49	32	13	8	45	6
10/31	0917	1790	36	< 5	14	16	10	4	16	3
10/31	1115	1620	32	< 5	8	11	6	< 3	10	5
11/1	0625	4000	189	< 5	114	86	41	19	86	---
11/1	0735	2440	79	34	65	35	20	13	80	6
11/1	0950	1640	26	< 5	6	10	9	< 3	9	3
11/1	1103	1580	21	< 5	7	8	5	< 3	9	3
11/4	0630	3090	107	37	38	35	12	9	36	5
11/4	0840	1280	143	32	23	18	21	4	18	9
11/4	1002	1400	79	< 5	17	19	9	4	20	6
11/4	1140	1610	26	< 5	13	12	8	3	13	5
11/5	0635	4790	173	72	84	68	24	15	69	10
11/5	0745	4580	180	124	228	74	44	31	87	< 3
11/6	0630	5370	192	90	110	76	28	29	138	9
11/6	0732	3670	164	69	96	79	29	16	77	8
11/6	0850	2550	95	29	56	31	16	8	41	4
11/6	1111	1940	62	5	21	21	8	5	25	5

C₁ to C₄ Hydrocarbons in Ground Level Samples

Huntington Park, California

Date 1968	Time PST	Methane ppb	Ethane ppb	Ethylene ppb	Acetylene ppb	Propane ppb	Propylene ppb	Isobutane ppb	Butane ppb	Butenes ppb
11/7	0637	5270	258	121	198	103	38	28	138	10
11/7	0842	2380	92	19	38	39	21	13	49	6
11/7	1215	1860	56	13	19	20	16	6	32	6
11/7	1439	2310	78	13	20	43	8	9	34	3
11/8	0640	5970	340	182	230	119	54	26	126	13
11/8	0807	5270	285	183	207	107	62	21	123	13
11/8	0956	2190	88	16	33	31	13	10	53	3
11/8	1258	1770	62	13	13	16	14	4	26	5
11/11	0802	4950	245	100	110	100	20	28	102	10
11/11	1150	3870	245	69	43	111	23	32	110	6

C₅ to C₁₀ Identification Code Index

Peak No.	Compound	Peak No.	Compound	Peak No.	Compound
1	Isopentane	37	Methylcyclohexane	74	Isopropylbenzene
2	1-Pentene + 2-Methyl-1-Butene	38		75	
3	n-Pentane	39		76	
4	trans-2-Pentene	40	2,4-Dimethylhexane	77	
5	cis-2-Pentene	41	2,5-Dimethylhexane	78	
6	2-Methyl-2-butene	42		79	
7	2,2-Dimethylbutane	43		80	n-Propylbenzene
8		44		81	4-Ethyltoluene
9		45	2,3,4-Trimethylpentane	82	3-Ethyltoluene
10	Cyclopentene	46	Toluene	83	
11	Cyclopentane	47		84	1,3,5-Trimethylbenzene
12	2,3-Dimethylbutane	48		85	2-Ethyltoluene
13	2-Methylpentane	49		86	
14	3-Methylpentane	50		87	tert-Butylbenzene
15	1-Hexene	51		88	1,2,4-Trimethylbenzene
16	n-Hexane	52		89	n-Decane
17	trans-3-Hexene	53	n-Octane	90	sec-Butylbenzene
18	trans-2-Hexene	54		91	Isobutylbenzene
19	cis-3-Hexene	55		92	
20	cis-2-Hexene	56		93	
21	Methylcyclopentane	57		94	
22	2,4-Dimethylpentane	58		95	
23		59		96	
24		60		97	
25		61	Ethylbenzene	98	
26	Benzene + Cyclohexane	62		99	
27	2-Methylhexane + 2,3-Dimethylpentane	63		100	
28	3-Methylhexane	64	m + p-Xylene	101	n-Butylbenzene
29		65		102	
30		66		103	
31		67		104	
32	2,2,4-Trimethylpentane	68	o-Xylene	105	
33	1-Heptene + ?	69		106	
34	n-Heptane	70		107	n-Undecane
35		71	n-Nonane	108	
36		72		109	
		73			

SCOTT RESEARCH LABORATORIES, INC.
L.A. BASIN PROJECT CHROMATOGRAM DATA

HUNTINGTON PARK

DATE 10-04

TIME 1448 PST

PEAK	PPR	PEAK	PPB	PEAK	PPB
1	9.41	37	1.99	74	*****
2	*****	38	*****	75	*****
3	5.62	39	*****	76	*****
4	*****	40	*****	77	*****
5	1.70	41	0.65	78	*****
6	*****	42	*****	79	*****
7	*****	43	*****	80	0.57
8	*****	44	1.26	81	*****
9	*****	45	1.05	82	1.83
10	*****	46	5.76	83	*****
11	0.42	47	*****	84	0.17
12	0.40	48	*****	85	*****
13	2.23	49	0.20	86	0.19
14	1.24	50	2.56	87	*****
15	48.17	51	0.85	88	3.41
16	8.80	52	0.37	89	*****
17	3.11	53	0.54	90	0.16
18	*****	54	*****	91	*****
19	*****	55	*****	92	*****
20	*****	56	0.67	93	1.72
21	0.95	57	*****	94	*****
22	*****	58	*****	95	*****
23	*****	59	0.23	96	*****
24	*****	60	0.23	97	1.56
25	*****	61	1.39	98	*****
26	3.36	62	*****	99	*****
27	1.83	63	1.82	100	*****
28	0.46	64	2.29	101	*****
29	*****	65	7.27	102	*****
30	*****	66	2.81	103	*****
31	*****	67	*****	104	*****
32	*****	68	0.64	105	*****
33	7.49	69	*****	106	2.05
34	0.61	70	*****	107	1.21
35	*****	71	*****	108	*****
36	*****	72	*****	109	1.06
		73	*****		

TOTAL CONCENTRATION

142.43

SCOTT RESEARCH LABORATORIES, INC.
L.A. BASIN PROJECT CHROMATOGRAM DATA

HUNTINGTON PARK

DATE 10-05

TIME 1040 PST

PEAK	PPB	PEAK	PPB	PEAK	PPB
1	28.06	37	4.44	74	*****
2	*****	38	*****	75	*****
3	14.24	39	*****	76	*****
4	*****	40	0.25	77	*****
5	*****	41	1.52	78	*****
6	0.64	42	*****	79	*****
7	*****	43	*****	80	0.77
8	*****	44	*****	81	2.39
9	*****	45	1.15	82	1.49
10	*****	46	20.73	83	0.51
11	1.00	47	1.43	84	0.48
12	1.13	48	1.46	85	*****
13	7.37	49	*****	86	0.53
14	5.03	50	2.92	87	*****
15	5.96	51	1.14	88	4.54
16	18.73	52	*****	89	0.42
17	*****	53	2.47	90	*****
18	5.82	54	*****	91	*****
19	*****	55	*****	92	*****
20	*****	56	0.66	93	1.50
21	5.83	57	*****	94	*****
22	0.64	58	0.51	95	*****
23	*****	59	1.93	96	*****
24	*****	60	*****	97	*****
25	*****	61	3.59	98	*****
26	9.14	62	*****	99	0.27
27	5.52	63	*****	100	0.15
28	2.90	64	10.29	101	0.45
29	0.91	65	*****	102	*****
30	0.46	66	1.99	103	*****
31	1.43	67	0.84	104	*****
32	2.37	68	3.53	105	*****
33	4.82	69	*****	106	1.37
34	3.15	70	0.48	107	0.55
35	*****	71	*****	108	*****
36	*****	72	*****	109	*****
		73	*****		

TOTAL CONCENTRATION

202.07

SCOTT RESEARCH LABORATORIES, INC.
L.A. BASIN PROJECT CHROMATOGRAM DATA

HUNTINGTON PARK

DATE 10-07

TIME 0812 PST

PEAK	PPB	PEAK	PPB	PEAK	PPB
1	5.32	37	*****	74	*****
2	*****	38	0.73	75	*****
3	1.61	39	*****	76	*****
4	*****	40	*****	77	*****
5	*****	41	*****	78	0.24
6	0.92	42	*****	79	*****
7	*****	43	*****	80	0.45
8	*****	44	0.95	81	*****
9	*****	45	0.42	82	0.81
10	*****	46	3.42	83	*****
11	0.77	47	*****	84	*****
12	0.80	48	*****	85	*****
13	*****	49	*****	86	*****
14	0.34	50	2.53	87	*****
15	*****	51	*****	88	2.21
16	19.27	52	0.44	89	*****
17	*****	53	*****	90	*****
18	*****	54	0.30	91	*****
19	*****	55	*****	92	*****
20	*****	56	0.66	93	1.18
21	1.09	57	*****	94	*****
22	*****	58	*****	95	*****
23	*****	59	0.53	96	*****
24	*****	60	*****	97	*****
25	*****	61	2.70	98	*****
26	1.47	62	1.00	99	*****
27	0.47	63	*****	100	0.15
28	0.29	64	6.78	101	1.07
29	*****	65	*****	102	*****
30	*****	66	1.86	103	*****
31	*****	67	*****	104	*****
32	*****	68	0.17	105	*****
33	12.42	69	*****	106	0.62
34	1.35	70	*****	107	0.22
35	*****	71	*****	108	*****
36	*****	72	*****	109	0.45
		73	*****		

TOTAL CONCENTRATION

76.16

SCOTT RESEARCH LABORATORIES, INC.
L.A. BASIN PROJECT CHROMATOGRAM DATA

HUNTINGTON PARK

DATE 10-08

TIME 0520 PST

PEAK	PPB	PEAK	PPB	PEAK	PPB
1	19.70	37	1.80	74	*****
2	*****	38	*****	75	*****
3	7.71	39	*****	76	*****
4	*****	40	*****	77	*****
5	*****	41	0.72	78	0.13
6	*****	42	*****	79	*****
7	*****	43	*****	80	0.68
8	*****	44	1.43	81	2.22
9	*****	45	0.87	82	1.38
10	*****	46	11.53	83	0.35
11	*****	47	*****	84	0.84
12	*****	48	0.63	85	*****
13	3.34	49	*****	86	0.37
14	2.41	50	3.32	87	*****
15	*****	51	*****	88	4.78
16	7.78	52	*****	89	*****
17	*****	53	1.26	90	0.45
18	*****	54	*****	91	*****
19	*****	55	*****	92	*****
20	*****	56	0.93	93	0.97
21	4.81	57	*****	94	*****
22	*****	58	*****	95	*****
23	*****	59	*****	96	*****
24	*****	60	*****	97	0.25
25	*****	61	2.58	98	*****
26	4.95	62	*****	99	0.25
27	2.29	63	*****	100	*****
28	1.52	64	8.96	101	0.54
29	*****	65	*****	102	*****
30	*****	66	1.96	103	*****
31	0.21	67	0.36	104	*****
32	0.63	68	2.43	105	*****
33	8.44	69	*****	106	*****
34	1.26	70	*****	107	0.53
35	*****	71	0.23	108	*****
36	*****	72	*****	109	0.59
		73	*****		

TOTAL CONCENTRATION

118.55

SCOTT RESEARCH LABORATORIES, INC.
L.A. BASIN PROJECT CHROMATOGRAM DATA

HUNTINGTON PARK

DATE 10-08

TIME 0630 PST

PEAK	PPB	PEAK	PPB	PEAK	PPB
1	43.26	37	4.05	74	*****
2	5.80	38	*****	75	0.47
3	31.10	39	0.29	76	*****
4	9.17	40	0.72	77	*****
5	4.92	41	0.63	78	*****
6	8.79	42	*****	79	*****
7	4.19	43	*****	80	1.07
8	7.90	44	0.21	81	4.13
9	*****	45	1.07	82	2.57
10	*****	46	25.50	83	1.03
11	3.92	47	3.15	84	2.83
12	4.37	48	2.61	85	*****
13	14.02	49	*****	86	1.59
14	6.36	50	1.76	87	*****
15	0.31	51	*****	88	7.78
16	15.13	52	*****	89	1.02
17	3.85	53	3.37	90	*****
18	6.41	54	*****	91	*****
19	*****	55	*****	92	*****
20	*****	56	0.44	93	1.77
21	19.49	57	*****	94	*****
22	0.72	58	0.19	95	*****
23	*****	59	1.42	96	*****
24	*****	60	*****	97	*****
25	0.39	61	4.80	98	0.19
26	11.57	62	0.90	99	0.28
27	6.47	63	*****	100	0.40
28	3.84	64	17.43	101	0.88
29	1.22	65	0.15	102	*****
30	0.72	66	0.90	103	*****
31	1.27	67	*****	104	*****
32	2.54	68	5.39	105	*****
33	8.39	69	*****	106	1.66
34	3.10	70	*****	107	1.25
35	*****	71	0.82	108	*****
36	*****	72	*****	109	0.49
		73	*****		

TOTAL CONCENTRATION 334.73

SCOTT RESEARCH LABORATORIES, INC.
L.A. BASIN PROJECT CHROMATOGRAM DATA

HUNTINGTON PARK

DATE 10-08

TIME 0802 PST

PEAK	PPB
1	31.66
2	*****
3	13.41
4	*****
5	*****
6	0.58
7	*****
8	*****
9	*****
10	*****
11	3.69
12	3.57
13	11.09
14	3.86
15	*****
16	11.45
17	7.53
18	*****
19	*****
20	*****
21	18.45
22	0.40
23	*****
24	*****
25	*****
26	8.42
27	4.51
28	2.64
29	0.88
30	0.70
31	1.39
32	1.81
33	7.94
34	3.01
35	*****
36	*****

PEAK	PPB
37	4.22
38	*****
39	0.28
40	*****
41	0.87
42	*****
43	*****
44	0.22
45	0.73
46	20.55
47	2.48
48	1.67
49	*****
50	1.53
51	*****
52	*****
53	3.09
54	*****
55	*****
56	0.29
57	*****
58	*****
59	2.37
60	*****
61	4.00
62	0.91
63	*****
64	10.78
65	*****
66	*****
67	0.28
68	3.22
69	*****
70	*****
71	0.82
72	*****
73	*****

PEAK	PPB
74	*****
75	*****
76	*****
77	0.13
78	*****
79	*****
80	0.73
81	2.37
82	1.64
83	0.59
84	1.12
85	*****
86	0.80
87	*****
88	4.75
89	0.95
90	*****
91	*****
92	*****
93	1.15
94	*****
95	*****
96	*****
97	*****
98	0.16
99	0.15
100	0.20
101	*****
102	*****
103	*****
104	*****
105	*****
106	0.97
107	0.62
108	*****
109	0.46

TOTAL CONCENTRATION 212.33

SCOTT RESEARCH LABORATORIES, INC.
L.A. BASIN PROJECT CHROMATOGRAM DATA

HUNTINGTON PARK

DATE 10-08

TIME 1115 PST

PEAK	PPB	PEAK	PPB	PEAK	PPB
1	22.62	37	1.06	74	*****
2	*****	38	*****	75	*****
3	6.70	39	*****	76	*****
4	*****	40	*****	77	*****
5	*****	41	*****	78	*****
6	*****	42	*****	79	0.23
7	*****	43	*****	80	0.99
8	*****	44	*****	81	0.75
9	*****	45	*****	82	*****
10	*****	46	7.49	83	*****
11	2.66	47	*****	84	*****
12	0.32	48	*****	85	*****
13	2.57	49	*****	86	*****
14	1.51	50	1.14	87	*****
15	*****	51	*****	88	1.95
16	10.52	52	0.30	89	0.14
17	*****	53	1.05	90	*****
18	*****	54	*****	91	*****
19	*****	55	*****	92	*****
20	*****	56	0.28	93	0.74
21	15.02	57	*****	94	*****
22	*****	58	*****	95	*****
23	*****	59	0.64	96	*****
24	*****	60	*****	97	*****
25	*****	61	*****	98	*****
26	3.34	62	*****	99	*****
27	1.52	63	*****	100	*****
28	0.86	64	3.95	101	0.18
29	*****	65	*****	102	*****
30	*****	66	1.11	103	*****
31	*****	67	0.35	104	*****
32	*****	68	0.74	105	*****
33	8.57	69	*****	106	0.59
34	1.08	70	*****	107	0.18
35	*****	71	0.19	108	*****
36	*****	72	*****	109	0.82
		73	*****		

TOTAL CONCENTRATION 102.29

SCOTT RESEARCH LABORATORIES, INC.
L.A. BASIN PROJECT CHROMATOGRAM DATA

HUNTINGTON PARK

DATE 10-09

TIME 0610 PST

PEAK	PPB	PEAK	PPB	PEAK	PPB
1	53.76	37	5.35	74	0.62
2	6.76	38	0.32	75	*****
3	36.93	39	0.60	76	*****
4	9.45	40	1.11	77	0.27
5	*****	41	0.75	78	0.38
6	2.43	42	0.31	79	*****
7	*****	43	0.54	80	1.00
8	*****	44	2.39	81	4.52
9	*****	45	2.25	82	2.73
10	0.40	46	34.71	83	1.49
11	5.14	47	4.52	84	3.12
12	6.17	48	4.26	85	*****
13	19.85	49	*****	86	2.63
14	11.36	50	3.78	87	0.26
15	1.54	51	*****	88	8.64
16	17.93	52	*****	89	1.90
17	4.19	53	4.16	90	*****
18	8.05	54	*****	91	*****
19	*****	55	*****	92	*****
20	*****	56	1.09	93	1.88
21	30.03	57	0.75	94	0.17
22	3.89	58	1.93	95	0.56
23	*****	59	2.58	96	*****
24	*****	60	0.37	97	*****
25	0.64	61	5.89	98	0.45
26	13.16	62	1.36	99	0.58
27	8.24	63	0.52	100	0.33
28	5.39	64	24.68	101	0.94
29	2.42	65	0.42	102	*****
30	2.01	66	1.68	103	*****
31	3.03	67	0.23	104	*****
32	3.91	68	6.32	105	*****
33	9.54	69	0.27	106	1.52
34	8.38	70	*****	107	1.70
35	*****	71	1.73	108	*****
36	*****	72	*****	109	0.51
		73	*****		

TOTAL CONCENTRATION 426.03

SCOTT RESEARCH LABORATORIES, INC.
L.A. BASIN PROJECT CHROMATOGRAM DATA

HUNTINGTON PARK

DATE 10-09

TIME 0845 PST

PEAK	PPB	PEAK	PPB	PEAK	PPB
1	24.48	37	1.45	74	*****
2	*****	38	*****	75	*****
3	15.25	39	*****	76	*****
4	*****	40	*****	77	*****
5	*****	41	0.49	78	*****
6	4.90	42	*****	79	*****
7	0.32	43	*****	80	1.16
8	*****	44	0.74	81	1.60
9	*****	45	0.31	82	1.02
10	*****	46	13.46	83	0.18
11	1.73	47	1.10	84	0.45
12	0.92	48	0.81	85	*****
13	5.68	49	*****	86	0.34
14	3.68	50	1.51	87	*****
15	*****	51	*****	88	3.08
16	3.91	52	0.26	89	*****
17	*****	53	1.74	90	0.41
18	*****	54	*****	91	*****
19	*****	55	*****	92	*****
20	7.15	56	0.37	93	0.96
21	6.87	57	*****	94	*****
22	2.68	58	*****	95	*****
23	*****	59	0.69	96	*****
24	2.58	60	1.28	97	*****
25	*****	61	3.58	98	*****
26	6.38	62	1.64	99	0.17
27	2.83	63	*****	100	0.57
28	1.85	64	15.72	101	0.64
29	0.28	65	*****	102	*****
30	*****	66	2.67	103	*****
31	0.58	67	0.86	104	*****
32	0.92	68	1.90	105	*****
33	7.56	69	*****	106	0.64
34	1.74	70	*****	107	0.25
35	*****	71	0.24	108	*****
36	*****	72	*****	109	0.42
		73	*****		

TOTAL CONCENTRATION

165.20

SCOTT RESEARCH LABORATORIES, INC.
L.A. BASIN PROJECT CHROMATOGRAM DATA

HUNTINGTON PARK

DATE 10-09

TIME 1125 PST

PEAK	PPB	PEAK	PPB	PEAK	PPB
1	8.23	37	*****	74	*****
2	*****	38	0.71	75	*****
3	6.69	39	*****	76	*****
4	*****	40	*****	77	*****
5	*****	41	*****	78	*****
6	*****	42	*****	79	1.20
7	*****	43	*****	80	*****
8	*****	44	0.33	81	*****
9	*****	45	*****	82	*****
10	*****	46	3.79	83	*****
11	*****	47	*****	84	*****
12	*****	48	*****	85	*****
13	1.28	49	*****	86	*****
14	0.67	50	1.42	87	*****
15	*****	51	*****	88	1.27
16	1.02	52	0.21	89	*****
17	*****	53	*****	90	*****
18	*****	54	*****	91	*****
19	*****	55	*****	92	*****
20	*****	56	*****	93	*****
21	28.26	57	*****	94	*****
22	6.77	58	*****	95	*****
23	*****	59	*****	96	*****
24	*****	60	0.27	97	*****
25	*****	61	1.07	98	*****
26	1.71	62	*****	99	*****
27	0.68	63	*****	100	*****
28	0.42	64	1.55	101	*****
29	*****	65	1.84	102	*****
30	*****	66	0.40	103	*****
31	*****	67	*****	104	*****
32	*****	68	*****	105	*****
33	7.60	69	*****	106	*****
34	0.39	70	*****	107	*****
35	*****	71	*****	108	0.47
36	*****	72	*****	109	*****
		73	*****		

TOTAL CONCENTRATION

78.38

SCOTT RESEARCH LABORATORIES, INC.
L.A. BASIN PROJECT CHROMATOGRAM DATA

HUNTINGTON PARK

DATE 10-10

TIME 0605 PST

PEAK	PPB	PEAK	PPB	PEAK	PPB
1	78.78	37	6.58	74	*****
2	*****	38	*****	75	*****
3	44.68	39	0.59	76	*****
4	2.07	40	*****	77	0.27
5	*****	41	1.67	78	0.24
6	3.35	42	6.47	79	*****
7	*****	43	0.72	80	1.68
8	*****	44	2.22	81	3.93
9	*****	45	*****	82	1.94
10	*****	46	30.51	83	1.40
11	4.88	47	4.61	84	2.78
12	4.20	48	4.29	85	*****
13	18.04	49	*****	86	1.50
14	10.95	50	5.02	87	*****
15	0.24	51	*****	88	7.59
16	13.92	52	1.34	89	1.64
17	0.33	53	2.85	90	*****
18	*****	54	*****	91	*****
19	*****	55	*****	92	*****
20	16.89	56	0.85	93	1.56
21	20.50	57	0.16	94	*****
22	2.11	58	*****	95	0.28
23	*****	59	1.90	96	*****
24	4.73	60	*****	97	*****
25	0.28	61	5.35	98	*****
26	15.60	62	1.11	99	1.42
27	8.68	63	0.65	100	1.23
28	5.14	64	23.23	101	2.90
29	2.95	65	0.56	102	*****
30	2.50	66	*****	103	1.28
31	4.20	67	1.12	104	*****
32	4.25	68	5.06	105	*****
33	9.08	69	*****	106	*****
34	5.57	70	*****	107	5.55
35	*****	71	1.02	108	*****
36	*****	72	*****	109	0.41
		73	*****		

TOTAL CONCENTRATION 423.72

SCOTT RESEARCH LABORATORIES, INC.
L.A. BASIN PROJECT CHROMATOGRAM DATA

HUNTINGTON PARK

DATE 10-10

TIME 0733 PST

PEAK	PPB	PEAK	PPB	PEAK	PPB
1	33.45	37	5.32	74	*****
2	*****	38	*****	75	*****
3	20.61	39	0.33	76	*****
4	*****	40	0.16	77	*****
5	*****	41	*****	78	0.14
6	0.81	42	0.16	79	*****
7	*****	43	0.44	80	0.94
8	*****	44	0.37	81	3.22
9	*****	45	0.20	82	*****
10	*****	46	15.83	83	0.63
11	1.63	47	1.71	84	1.10
12	0.72	48	1.31	85	*****
13	8.00	49	*****	86	0.25
14	4.57	50	1.07	87	*****
15	*****	51	*****	88	4.07
16	7.77	52	*****	89	1.28
17	*****	53	2.04	90	*****
18	*****	54	*****	91	*****
19	3.68	55	*****	92	*****
20	*****	56	*****	93	0.96
21	7.56	57	*****	94	*****
22	0.30	58	0.15	95	*****
23	*****	59	*****	96	*****
24	*****	60	*****	97	*****
25	*****	61	5.01	98	*****
26	8.30	62	1.82	99	0.23
27	4.47	63	*****	100	0.45
28	2.87	64	9.67	101	0.40
29	1.70	65	*****	102	*****
30	1.41	66	*****	103	*****
31	3.02	67	*****	104	*****
32	0.91	68	2.06	105	*****
33	7.82	69	*****	106	*****
34	4.51	70	*****	107	0.22
35	*****	71	0.50	108	*****
36	*****	72	*****	109	0.22
		73	*****		

TOTAL CONCENTRATION 186.62

SCOTT RESEARCH LABORATORIES, INC.
L.A. BASIN PROJECT CHROMATOGRAM DATA

HUNTINGTON PARK

DATE 10-10

TIME 0945 PST

PEAK	PPB	PEAK	PPB	PEAK	PPB
1	23.81	37	2.41	74	*****
2	0.25	38	*****	75	0.14
3	13.98	39	*****	76	*****
4	*****	40	*****	77	*****
5	*****	41	*****	78	*****
6	0.23	42	*****	79	*****
7	0.63	43	*****	80	0.80
8	*****	44	*****	81	1.46
9	*****	45	0.16	82	*****
10	*****	46	10.56	83	*****
11	0.86	47	0.70	84	0.13
12	0.66	48	0.62	85	*****
13	4.99	49	*****	86	*****
14	2.82	50	0.92	87	*****
15	*****	51	*****	88	2.30
16	4.26	52	*****	89	*****
17	*****	53	1.36	90	0.20
18	*****	54	*****	91	*****
19	*****	55	*****	92	*****
20	*****	56	*****	93	0.43
21	5.84	57	*****	94	*****
22	*****	58	*****	95	*****
23	2.32	59	0.52	96	*****
24	*****	60	0.17	97	*****
25	*****	61	2.65	98	*****
26	5.51	62	0.39	99	0.17
27	2.52	63	0.44	100	0.31
28	1.67	64	6.58	101	0.37
29	0.39	65	*****	102	*****
30	*****	66	0.81	103	*****
31	0.69	67	*****	104	*****
32	0.23	68	1.09	105	*****
33	4.89	69	*****	106	*****
34	1.48	70	*****	107	0.49
35	*****	71	0.37	108	0.23
36	*****	72	*****	109	*****
		73	*****		

TOTAL CONCENTRATION 114.99

SCOTT RESEARCH LABORATORIES, INC.
L.A. BASIN PROJECT CHROMATOGRAM DATA

HUNTINGTON PARK

DATE 10-10

TIME 1120 PST

PEAK	PPB	PEAK	PPB	PEAK	PPB
1	22.86	37	3.02	74	*****
2	*****	38	*****	75	*****
3	15.59	39	*****	76	*****
4	*****	40	*****	77	*****
5	*****	41	*****	78	*****
6	*****	42	*****	79	*****
7	*****	43	*****	80	0.63
8	*****	44	0.15	81	1.96
9	*****	45	*****	82	*****
10	*****	46	12.35	83	*****
11	1.20	47	*****	84	*****
12	*****	48	0.94	85	*****
13	5.24	49	*****	86	*****
14	2.98	50	0.93	87	*****
15	*****	51	*****	88	2.11
16	5.20	52	0.17	89	0.24
17	*****	53	1.85	90	*****
18	*****	54	*****	91	*****
19	*****	55	*****	92	*****
20	*****	56	*****	93	0.47
21	8.08	57	*****	94	*****
22	*****	58	0.54	95	*****
23	*****	59	1.11	96	*****
24	*****	60	*****	97	*****
25	*****	61	2.84	98	*****
26	6.62	62	*****	99	*****
27	3.13	63	*****	100	0.21
28	2.01	64	6.94	101	0.19
29	0.82	65	*****	102	*****
30	0.45	66	*****	103	*****
31	1.23	67	0.17	104	*****
32	0.44	68	1.38	105	*****
33	8.60	69	*****	106	*****
34	1.99	70	*****	107	0.58
35	*****	71	0.52	108	*****
36	*****	72	*****	109	0.53
		73	*****		

TOTAL CONCENTRATION 126.43

SCOTT RESEARCH LABORATORIES, INC.
L.A. BASIN PROJECT CHROMATOGRAM DATA

HUNTINGTON PARK

DATE 10-11

TIME 0640 PST

PEAK	PPB	PEAK	PPB	PEAK	PPB
1	42.99	37	3.77	74	*****
2	*****	38	*****	75	*****
3	23.70	39	0.28	76	*****
4	0.43	40	*****	77	*****
5	*****	41	1.10	78	0.13
6	1.78	42	*****	79	*****
7	*****	43	0.34	80	0.94
8	*****	44	1.14	81	3.67
9	*****	45	0.84	82	1.78
10	*****	46	24.48	83	0.78
11	2.81	47	3.14	84	2.09
12	2.67	48	2.62	85	*****
13	12.41	49	*****	86	0.65
14	6.45	50	1.75	87	*****
15	*****	51	*****	88	6.81
16	8.59	52	*****	89	0.70
17	*****	53	2.67	90	*****
18	*****	54	*****	91	*****
19	5.13	55	*****	92	*****
20	*****	56	*****	93	1.33
21	6.43	57	*****	94	*****
22	0.43	58	*****	95	*****
23	*****	59	0.78	96	*****
24	*****	60	*****	97	*****
25	0.26	61	4.61	98	*****
26	11.35	62	1.52	99	0.20
27	5.26	63	*****	100	0.23
28	3.66	64	18.82	101	0.56
29	1.71	65	*****	102	*****
30	1.40	66	*****	103	*****
31	2.29	67	0.54	104	*****
32	2.87	68	4.25	105	*****
33	8.54	69	*****	106	1.07
34	3.24	70	*****	107	0.46
35	*****	71	0.81	108	*****
36	*****	72	*****	109	0.28
		73	*****		

TOTAL CONCENTRATION 249.80

SCOTT RESEARCH LABORATORIES, INC.
L.A. BASIN PROJECT CHROMATOGRAM DATA

HUNTINGTON PARK

DATE 10-11

TIME 0835 PST

PEAK	PPB	PEAK	PPB	PEAK	PPB
1	34.60	37	7.59	74	*****
2	*****	38	*****	75	*****
3	18.80	39	0.43	76	*****
4	*****	40	*****	77	*****
5	*****	41	0.68	78	*****
6	0.86	42	0.49	79	*****
7	*****	43	0.59	80	0.61
8	*****	44	0.92	81	2.97
9	*****	45	1.03	82	1.24
10	*****	46	23.90	83	0.72
11	2.44	47	3.56	84	1.49
12	2.01	48	3.25	85	*****
13	11.87	49	*****	86	0.40
14	6.41	50	4.39	87	*****
15	*****	51	*****	88	4.87
16	9.46	52	*****	89	0.66
17	*****	53	3.88	90	*****
18	*****	54	*****	91	*****
19	*****	55	0.16	92	*****
20	*****	56	0.91	93	1.00
21	10.58	57	0.22	94	*****
22	3.50	58	*****	95	*****
23	*****	59	1.95	96	*****
24	*****	60	*****	97	*****
25	*****	61	4.25	98	*****
26	9.88	62	1.28	99	0.26
27	6.27	63	*****	100	*****
28	3.79	64	15.12	101	0.45
29	1.84	65	*****	102	*****
30	1.69	66	*****	103	*****
31	3.56	67	0.27	104	*****
32	1.93	68	3.76	105	*****
33	10.03	69	*****	106	*****
34	2.27	70	*****	107	0.39
35	*****	71	0.90	108	*****
36	*****	72	*****	109	0.39
		73	*****		

TOTAL CONCENTRATION 236.98

SCOTT RESEARCH LABORATORIES, INC.
L.A. BASIN PROJECT CHROMATOGRAM DATA

HUNTINGTON PARK

DATE 10-11

TIME 1018 PST

PEAK	PPB	PEAK	PPB	PEAK	PPB
1	13.92	37	1.03	74	*****
2	*****	38	*****	75	*****
3	7.56	39	*****	76	*****
4	*****	40	*****	77	*****
5	*****	41	*****	78	*****
6	*****	42	*****	79	*****
7	*****	43	*****	80	0.29
8	*****	44	*****	81	0.86
9	*****	45	0.24	82	*****
10	*****	46	6.69	83	*****
11	0.46	47	0.21	84	*****
12	0.26	48	*****	85	*****
13	2.69	49	*****	86	*****
14	1.85	50	0.81	87	*****
15	*****	51	*****	88	1.31
16	2.28	52	*****	89	*****
17	*****	53	1.21	90	*****
18	*****	54	*****	91	*****
19	*****	55	*****	92	*****
20	*****	56	*****	93	*****
21	3.26	57	*****	94	*****
22	*****	58	*****	95	*****
23	2.97	59	*****	96	*****
24	2.83	60	*****	97	*****
25	*****	61	2.30	98	*****
26	3.27	62	1.39	99	*****
27	1.51	63	*****	100	*****
28	0.63	64	4.08	101	*****
29	*****	65	*****	102	*****
30	*****	66	*****	103	*****
31	*****	67	*****	104	*****
32	0.26	68	0.65	105	*****
33	9.53	69	*****	106	*****
34	1.63	70	*****	107	0.47
35	*****	71	0.40	108	0.23
36	*****	72	*****	109	*****
		73	*****		

TOTAL CONCENTRATION 77.25

SCOTT RESEARCH LABORATORIES, INC.
L.A. BASIN PROJECT CHROMATOGRAM DATA

HUNTINGTON PARK

DATE 10-14

TIME 0530 PST

PEAK	PPB	PEAK	PPB	PEAK	PPB
1	7.09	37	0.26	74	*****
2	*****	38	*****	75	*****
3	4.02	39	*****	76	*****
4	*****	40	*****	77	*****
5	*****	41	*****	78	*****
6	*****	42	*****	79	*****
7	*****	43	*****	80	*****
8	*****	44	0.79	81	*****
9	*****	45	*****	82	0.66
10	*****	46	4.07	83	*****
11	*****	47	*****	84	*****
12	0.23	48	*****	85	*****
13	0.27	49	*****	86	*****
14	0.83	50	2.13	87	*****
15	*****	51	*****	88	1.24
16	0.76	52	0.19	89	*****
17	*****	53	*****	90	*****
18	*****	54	*****	91	*****
19	*****	55	*****	92	*****
20	5.61	56	0.54	93	*****
21	3.01	57	*****	94	*****
22	*****	58	*****	95	*****
23	*****	59	*****	96	*****
24	*****	60	*****	97	*****
25	*****	61	1.17	98	*****
26	1.45	62	*****	99	*****
27	0.71	63	*****	100	*****
28	0.21	64	4.43	101	*****
29	*****	65	*****	102	*****
30	*****	66	*****	103	*****
31	*****	67	*****	104	*****
32	0.20	68	0.24	105	*****
33	6.39	69	*****	106	*****
34	1.35	70	*****	107	*****
35	*****	71	*****	108	*****
36	*****	72	*****	109	*****
		73	*****		

TOTAL CONCENTRATION

47.95

SCOTT RESEARCH LABORATORIES, INC.
L.A. BASIN PROJECT CHROMATOGRAM DATA

HUNTINGTON PARK

DATE 10-14

TIME 0710 PST

PEAK	PPB	PEAK	PPB	PEAK	PPB
1	12.92	37	1.18	74	*****
2	*****	38	*****	75	*****
3	7.07	39	*****	76	*****
4	*****	40	*****	77	*****
5	*****	41	0.28	78	*****
6	*****	42	*****	79	*****
7	*****	43	*****	80	0.32
8	*****	44	0.57	81	2.26
9	*****	45	0.23	82	*****
10	*****	46	9.39	83	*****
11	0.58	47	*****	84	0.39
12	0.26	48	0.41	85	*****
13	3.75	49	*****	86	0.15
14	2.28	50	1.44	87	*****
15	*****	51	*****	88	2.65
16	2.41	52	*****	89	*****
17	*****	53	*****	90	*****
18	*****	54	1.57	91	*****
19	*****	55	*****	92	*****
20	*****	56	*****	93	0.44
21	10.28	57	*****	94	*****
22	*****	58	*****	95	*****
23	*****	59	*****	96	*****
24	2.74	60	*****	97	*****
25	*****	61	2.20	98	*****
26	3.49	62	1.21	99	*****
27	2.17	63	*****	100	*****
28	1.26	64	8.75	101	0.19
29	*****	65	*****	102	*****
30	*****	66	*****	103	*****
31	0.38	67	*****	104	*****
32	0.57	68	*****	105	*****
33	8.97	69	*****	106	*****
34	1.97	70	*****	107	0.34
35	*****	71	0.15	108	*****
36	*****	72	*****	109	*****
		73	*****		

TOTAL CONCENTRATION 95.37

SCOTT RESEARCH LABORATORIES, INC.
L.A. BASIN PROJECT CHROMATOGRAM DATA

HUNTINGTON PARK

DATE 10-14

TIME 1035 PST

PEAK	PPB	PEAK	PPB	PEAK	PPB
1	4.43	37	0.26	74	*****
2	*****	38	*****	75	*****
3	2.18	39	*****	76	*****
4	*****	40	*****	77	*****
5	*****	41	*****	78	*****
6	0.31	42	*****	79	*****
7	*****	43	*****	80	0.25
8	*****	44	0.42	81	0.74
9	*****	45	*****	82	*****
10	*****	46	3.47	83	*****
11	*****	47	*****	84	*****
12	*****	48	*****	85	*****
13	1.76	49	*****	86	*****
14	0.85	50	1.27	87	*****
15	*****	51	*****	88	0.94
16	0.70	52	0.15	89	0.12
17	*****	53	0.61	90	*****
18	*****	54	*****	91	*****
19	*****	55	*****	92	*****
20	*****	56	*****	93	*****
21	17.27	57	*****	94	*****
22	*****	58	*****	95	*****
23	*****	59	*****	96	*****
24	1.86	60	0.15	97	*****
25	*****	61	1.00	98	*****
26	1.29	62	*****	99	*****
27	0.58	63	*****	100	0.16
28	0.19	64	4.82	101	*****
29	*****	65	*****	102	0.39
30	*****	66	0.52	103	*****
31	0.21	67	*****	104	*****
32	0.21	68	*****	105	*****
33	15.39	69	*****	106	0.21
34	2.69	70	*****	107	*****
35	*****	71	*****	108	0.29
36	*****	72	*****	109	*****
		73	*****		

TOTAL CONCENTRATION

65.84

SCOTT RESEARCH LABORATORIES, INC.
L.A. BASIN PROJECT CHROMATOGRAM DATA

HUNTINGTON PARK

DATE 10-15

TIME 0525 PST

PEAK	PPB	PEAK	PPB	PEAK	PPB
1	32.90	37	0.50	74	*****
2	*****	38	*****	75	*****
3	0.57	39	*****	76	*****
4	*****	40	0.31	77	*****
5	*****	41	*****	78	*****
6	*****	42	*****	79	*****
7	*****	43	*****	80	*****
8	*****	44	0.72	81	*****
9	*****	45	0.31	82	0.57
10	*****	46	4.39	83	*****
11	*****	47	*****	84	*****
12	*****	48	0.19	85	*****
13	1.40	49	*****	86	*****
14	0.47	50	2.01	87	*****
15	*****	51	*****	88	0.70
16	0.54	52	0.21	89	*****
17	*****	53	0.83	90	*****
18	*****	54	*****	91	*****
19	*****	55	*****	92	*****
20	*****	56	0.47	93	*****
21	2.83	57	0.26	94	*****
22	*****	58	*****	95	*****
23	1.26	59	*****	96	*****
24	*****	60	*****	97	*****
25	*****	61	0.32	98	*****
26	1.10	62	*****	99	*****
27	1.32	63	*****	100	*****
28	0.62	64	2.79	101	*****
29	*****	65	*****	102	*****
30	*****	66	1.22	103	*****
31	0.26	67	*****	104	*****
32	*****	68	0.55	105	*****
33	5.32	69	*****	106	*****
34	1.53	70	*****	107	*****
35	*****	71	*****	108	*****
36	*****	72	*****	109	*****
		73	*****		

TOTAL CONCENTRATION

66.58

SCOTT RESEARCH LABORATORIES, INC.
L.A. BASIN PROJECT CHROMATOGRAM DATA

HUNTINGTON PARK

DATE 10-15

TIME 0710 PST

PEAK	PPB	PEAK	PPB	PEAK	PPB
1	40.78	37	11.46	74	0.29
2	*****	38	1.07	75	*****
3	22.27	39	1.39	76	*****
4	1.25	40	1.18	77	0.12
5	*****	41	1.29	78	0.20
6	2.56	42	1.24	79	*****
7	*****	43	0.78	80	1.12
8	*****	44	1.45	81	6.00
9	*****	45	1.50	82	3.13
10	*****	46	48.14	83	1.12
11	2.84	47	5.20	84	3.57
12	2.46	48	3.99	85	*****
13	12.42	49	*****	86	2.80
14	8.37	50	1.90	87	*****
15	0.78	51	*****	88	11.45
16	10.41	52	*****	89	0.97
17	0.66	53	3.98	90	*****
18	*****	54	*****	91	*****
19	*****	55	*****	92	*****
20	*****	56	0.17	93	2.21
21	12.17	57	0.24	94	*****
22	4.15	58	*****	95	0.74
23	*****	59	0.58	96	*****
24	5.81	60	*****	97	0.28
25	0.51	61	6.35	98	0.21
26	16.00	62	0.31	99	0.56
27	12.08	63	*****	100	0.42
28	7.73	64	29.47	101	0.87
29	4.38	65	1.26	102	*****
30	4.07	66	*****	103	*****
31	5.59	67	1.28	104	*****
32	3.85	68	9.47	105	*****
33	9.98	69	*****	106	1.34
34	6.04	70	1.18	107	0.99
35	*****	71	*****	108	*****
36	*****	72	*****	109	*****
		73	*****		

TOTAL CONCENTRATION 370.78

SCOTT RESEARCH LABORATORIES, INC.
L.A. BASIN PROJECT CHROMATOGRAM DATA

HUNTINGTON PARK

DATE 10-15

TIME 0847 PST

PEAK	PPB	PEAK	PPB	PEAK	PPB
1	23.20	37	5.36	74	*****
2	*****	38	0.19	75	*****
3	12.08	39	0.48	76	*****
4	*****	40	0.14	77	0.21
5	*****	41	*****	78	0.35
6	*****	42	0.54	79	0.15
7	*****	43	0.43	80	0.15
8	*****	44	0.30	81	2.92
9	*****	45	0.31	82	*****
10	*****	46	16.97	83	0.70
11	1.32	47	2.31	84	0.71
12	0.92	48	2.24	85	*****
13	5.55	49	*****	86	*****
14	3.79	50	1.28	87	*****
15	*****	51	*****	88	2.75
16	9.15	52	0.17	89	1.00
17	*****	53	3.42	90	*****
18	*****	54	*****	91	*****
19	*****	55	0.19	92	*****
20	*****	56	*****	93	0.63
21	10.08	57	0.14	94	0.24
22	1.76	58	0.92	95	*****
23	*****	59	0.54	96	*****
24	4.04	60	*****	97	*****
25	*****	61	3.58	98	*****
26	6.49	62	0.42	99	*****
27	4.26	63	*****	100	0.11
28	2.68	64	8.93	101	0.31
29	1.69	65	*****	102	*****
30	1.70	66	0.20	103	*****
31	2.79	67	0.47	104	*****
32	2.03	68	3.26	105	*****
33	9.63	69	*****	106	*****
34	5.18	70	1.34	107	0.10
35	*****	71	*****	108	*****
36	*****	72	*****	109	*****
		73	*****		

TOTAL CONCENTRATION 173.12

SCOTT RESEARCH LABORATORIES, INC.
L.A. BASIN PROJECT CHROMATOGRAM DATA

HUNTINGTON PARK

DATE 10-15

TIME 1155 PST

PEAK	PPB	PEAK	PPB	PEAK	PPB
1	9.69	37	0.29	74	*****
2	*****	38	*****	75	*****
3	3.80	39	*****	76	*****
4	*****	40	*****	77	*****
5	*****	41	*****	78	*****
6	*****	42	*****	79	*****
7	*****	43	*****	80	*****
8	*****	44	0.30	81	0.53
9	*****	45	*****	82	*****
10	*****	46	3.96	83	*****
11	*****	47	*****	84	*****
12	*****	48	*****	85	*****
13	2.35	49	*****	86	*****
14	0.86	50	1.02	87	*****
15	*****	51	*****	88	0.82
16	1.22	52	*****	89	*****
17	*****	53	*****	90	*****
18	*****	54	*****	91	*****
19	*****	55	*****	92	*****
20	*****	56	*****	93	*****
21	8.49	57	*****	94	*****
22	*****	58	*****	95	*****
23	*****	59	*****	96	*****
24	1.95	60	*****	97	*****
25	*****	61	0.45	98	*****
26	0.88	62	*****	99	*****
27	0.86	63	*****	100	*****
28	0.48	64	2.73	101	*****
29	*****	65	*****	102	*****
30	*****	66	0.62	103	*****
31	0.16	67	*****	104	*****
32	0.21	68	0.77	105	*****
33	7.46	69	*****	106	*****
34	1.39	70	*****	107	*****
35	*****	71	*****	108	*****
36	*****	72	*****	109	*****
		73	*****		

TOTAL CONCENTRATION 51.39

SCOTT RESEARCH LABORATORIES, INC.
L.A. BASIN PROJECT CHROMATOGRAM DATA

HUNTINGTON PARK

DATE 10-16

TIME 0535 PST

PEAK	PPB	PEAK	PPB	PEAK	PPB
1	*****	37	5.29	74	0.38
2	*****	38	*****	75	*****
3	37.59	39	0.70	76	0.53
4	1.33	40	1.17	77	0.38
5	*****	41	0.95	78	0.31
6	2.28	42	0.75	79	0.15
7	*****	43	0.42	80	1.42
8	*****	44	1.84	81	5.29
9	*****	45	2.00	82	2.53
10	*****	46	41.02	83	1.30
11	2.86	47	6.01	84	2.88
12	2.51	48	6.82	85	*****
13	12.57	49	*****	86	1.81
14	8.28	50	2.46	87	*****
15	0.51	51	*****	88	9.34
16	10.91	52	0.79	89	1.21
17	0.45	53	8.56	90	*****
18	*****	54	*****	91	*****
19	*****	55	*****	92	*****
20	*****	56	0.19	93	1.79
21	13.01	57	0.43	94	*****
22	8.62	58	2.48	95	*****
23	*****	59	2.03	96	*****
24	*****	60	*****	97	*****
25	0.44	61	7.25	98	*****
26	14.07	62	1.14	99	0.38
27	12.04	63	*****	100	0.24
28	4.94	64	28.65	101	0.68
29	1.74	65	1.94	102	*****
30	1.30	66	0.66	103	*****
31	1.93	67	*****	104	*****
32	4.10	68	11.50	105	*****
33	6.72	69	*****	106	1.14
34	6.29	70	*****	107	0.95
35	*****	71	3.20	108	*****
36	*****	72	*****	109	0.61
		73	*****		

TOTAL CONCENTRATION 326.49

SCOTT RESEARCH LABORATORIES, INC.
L.A. BASIN PROJECT CHROMATOGRAM DATA

HUNTINGTON PARK

DATE 10-16

TIME 0648 PST

PEAK	PPR	PEAK	PPB	PEAK	PPB
1	116.91	37	25.64	74	2.00
2	5.59	38	5.19	75	*****
3	77.08	39	4.18	76	0.75
4	13.47	40	4.53	77	0.57
5	5.58	41	5.37	78	1.01
6	13.69	42	5.44	79	0.68
7	0.62	43	2.25	80	3.00
8	0.69	44	2.57	81	14.89
9	*****	45	3.54	82	8.30
10	1.43	46	104.85	83	3.00
11	9.59	47	13.78	84	9.24
12	9.35	48	12.87	85	*****
13	41.16	49	*****	86	8.54
14	25.37	50	4.22	87	0.97
15	2.92	51	1.71	88	28.10
16	35.25	52	0.99	89	3.09
17	4.16	53	9.85	90	0.93
18	7.21	54	0.27	91	*****
19	*****	55	*****	92	0.52
20	*****	56	0.53	93	4.96
21	39.95	57	0.80	94	0.64
22	8.55	58	3.08	95	3.37
23	9.35	59	3.34	96	*****
24	19.27	60	0.45	97	0.93
25	*****	61	17.26	98	0.80
26	51.62	62	1.87	99	1.99
27	35.84	63	0.68	100	1.55
28	19.60	64	74.28	101	2.91
29	10.38	65	5.05	102	*****
30	9.45	66	1.78	103	0.36
31	12.59	67	4.77	104	*****
32	14.77	68	27.06	105	1.81
33	11.92	69	*****	106	2.60
34	27.35	70	0.30	107	5.06
35	1.75	71	4.06	108	0.35
36	2.45	72	0.13	109	1.74
		73	*****		

TOTAL CONCENTRATION 1112.73

SCOTT RESEARCH LABORATORIES, INC.
L.A. BASIN PROJECT CHROMATOGRAM DATA

HUNTINGTON PARK

DATE 10-16

TIME 0840 PST

PEAK	PPB	PEAK	PPB	PEAK	PPB
1	35.14	37	7.68	74	*****
2	*****	38	0.66	75	*****
3	21.39	39	0.68	76	*****
4	*****	40	0.40	77	*****
5	*****	41	*****	78	*****
6	*****	42	0.85	79	*****
7	*****	43	0.96	80	0.38
8	*****	44	0.53	81	3.29
9	*****	45	0.37	82	*****
10	*****	46	20.05	83	0.52
11	2.22	47	2.70	84	0.57
12	1.33	48	3.27	85	*****
13	8.35	49	*****	86	0.35
14	6.26	50	1.27	87	*****
15	*****	51	*****	88	3.49
16	15.00	52	0.20	89	0.51
17	*****	53	2.79	90	*****
18	*****	54	*****	91	*****
19	*****	55	*****	92	*****
20	*****	56	*****	93	0.61
21	15.79	57	*****	94	*****
22	1.96	58	0.68	95	*****
23	5.94	59	*****	96	*****
24	6.63	60	*****	97	*****
25	*****	61	2.96	98	*****
26	10.62	62	*****	99	*****
27	7.45	63	*****	100	0.16
28	4.62	64	11.12	101	0.34
29	2.74	65	0.21	102	*****
30	2.76	66	*****	103	*****
31	7.56	67	*****	104	*****
32	*****	68	4.33	105	*****
33	9.65	69	*****	106	*****
34	4.87	70	*****	107	0.57
35	*****	71	0.60	108	*****
36	*****	72	*****	109	*****
		73	*****		

TOTAL CONCENTRATION

241.63

SCOTT RESEARCH LABORATORIES, INC.
L.A. BASIN PROJECT CHROMATOGRAM DATA

HUNTINGTON PARK

DATE 10-16

TIME 1132 PST

PEAK	PPB	PEAK	PPB	PEAK	PPB
1	12.38	37	1.35	74	*****
2	*****	38	*****	75	*****
3	5.75	39	*****	76	*****
4	*****	40	0.16	77	*****
5	*****	41	*****	78	*****
6	*****	42	*****	79	*****
7	*****	43	*****	80	*****
8	*****	44	0.27	81	*****
9	*****	45	*****	82	0.76
10	*****	46	7.96	83	*****
11	*****	47	0.41	84	*****
12	0.37	48	0.47	85	*****
13	2.02	49	*****	86	*****
14	2.14	50	0.70	87	*****
15	*****	51	*****	88	0.90
16	2.19	52	*****	89	*****
17	*****	53	1.19	90	*****
18	*****	54	*****	91	*****
19	*****	55	*****	92	*****
20	*****	56	*****	93	*****
21	9.76	57	*****	94	*****
22	*****	58	*****	95	*****
23	3.92	59	*****	96	*****
24	*****	60	*****	97	*****
25	*****	61	1.37	98	*****
26	2.46	62	*****	99	*****
27	0.51	63	*****	100	*****
28	1.53	64	3.85	101	*****
29	0.77	65	*****	102	*****
30	1.31	66	0.58	103	*****
31	*****	67	*****	104	*****
32	*****	68	0.79	105	*****
33	3.78	69	*****	106	*****
34	0.73	70	*****	107	*****
35	*****	71	*****	108	*****
36	*****	72	*****	109	*****
		73	*****		

TOTAL CONCENTRATION 70.53

SCOTT RESEARCH LABORATORIES, INC.
L.A. BASIN PROJECT CHROMATOGRAM DATA

HUNTINGTON PARK

DATE 10-17

TIME 0530 PST

PEAK	PPB	PEAK	PPB	PEAK	PPB
1	56.96	37	31.99	74	0.82
2	*****	38	3.90	75	*****
3	31.34	39	4.19	76	0.45
4	1.83	40	1.90	77	0.41
5	0.23	41	3.72	78	0.95
6	2.90	42	3.78	79	0.38
7	*****	43	2.40	80	0.94
8	*****	44	2.54	81	6.15
9	*****	45	2.66	82	2.95
10	*****	46	71.17	83	1.70
11	3.97	47	6.87	84	3.76
12	4.21	48	6.00	85	0.83
13	18.99	49	*****	86	2.72
14	12.54	50	3.04	87	0.55
15	0.78	51	*****	88	10.51
16	23.59	52	0.40	89	2.41
17	1.03	53	4.73	90	0.57
18	1.07	54	*****	91	*****
19	*****	55	*****	92	0.10
20	*****	56	0.60	93	1.94
21	27.03	57	0.27	94	0.42
22	11.14	58	*****	95	*****
23	8.00	59	1.07	96	*****
24	*****	60	*****	97	*****
25	0.80	61	6.76	98	0.12
26	20.85	62	0.91	99	0.55
27	23.43	63	*****	100	0.30
28	15.03	64	29.22	101	0.87
29	11.13	65	1.88	102	*****
30	10.69	66	1.02	103	*****
31	21.94	67	5.18	104	*****
32	*****	68	10.54	105	*****
33	7.27	69	*****	106	1.17
34	12.91	70	*****	107	1.08
35	*****	71	1.80	108	*****
36	*****	72	*****	109	1.25
		73	*****		

TOTAL CONCENTRATION 582.47

SCOTT RESEARCH LABORATORIES, INC.
L.A. BASIN PROJECT CHROMATOGRAM DATA

HUNTINGTON PARK

DATE 10-17

TIME 0847 PST

PEAK	PPR	PEAK	PPR	PEAK	PPB
1	22.04	37	8.93	74	*****
2	*****	38	0.85	75	*****
3	22.34	39	0.82	76	*****
4	*****	40	0.28	77	*****
5	*****	41	0.22	78	*****
6	0.24	42	1.45	79	*****
7	*****	43	1.34	80	0.28
8	*****	44	0.53	81	2.86
9	*****	45	0.36	82	*****
10	*****	46	18.95	83	0.35
11	2.68	47	3.07	84	0.44
12	1.84	48	3.90	85	*****
13	0.32	49	*****	86	*****
14	6.66	50	1.15	87	*****
15	*****	51	0.23	88	2.94
16	17.58	52	0.49	89	0.63
17	*****	53	3.99	90	*****
18	*****	54	*****	91	*****
19	*****	55	*****	92	*****
20	*****	56	*****	93	0.61
21	16.14	57	*****	94	*****
22	2.17	58	0.97	95	*****
23	7.10	59	0.22	96	*****
24	0.60	60	*****	97	*****
25	*****	61	3.00	98	*****
26	0.92	62	*****	99	*****
27	0.15	63	*****	100	0.14
28	5.15	64	10.54	101	0.28
29	2.69	65	*****	102	*****
30	2.65	66	0.13	103	*****
31	7.15	67	*****	104	*****
32	*****	68	3.40	105	*****
33	0.32	69	*****	106	0.32
34	0.40	70	0.59	107	0.41
35	*****	71	*****	108	*****
36	*****	72	*****	109	*****
		73	*****		

TOTAL CONCENTRATION 253.24

SCOTT RESEARCH LABORATORIES, INC.
L.A. BASIN PROJECT CHROMATOGRAM DATA

HUNTINGTON PARK

DATE 10-18

TIME 0555 PST

PEAK	PPB	PEAK	PPB	PEAK	PPB
1	35.44	37	32.24	74	*****
2	*****	38	4.48	75	*****
3	17.41	39	3.83	76	*****
4	0.78	40	1.66	77	0.13
5	*****	41	1.37	78	0.12
6	1.52	42	3.11	79	*****
7	*****	43	3.74	80	0.54
8	*****	44	1.99	81	3.45
9	*****	45	1.90	82	1.62
10	*****	46	48.17	83	0.79
11	2.70	47	4.42	84	2.05
12	2.61	48	3.30	85	*****
13	8.17	49	*****	86	0.65
14	5.51	50	2.82	87	*****
15	*****	51	*****	88	5.94
16	7.68	52	*****	89	0.77
17	1.16	53	1.99	90	*****
18	0.77	54	*****	91	*****
19	*****	55	*****	92	*****
20	*****	56	0.53	93	0.98
21	7.67	57	*****	94	*****
22	6.44	58	*****	95	*****
23	*****	59	0.33	96	*****
24	3.24	60	*****	97	*****
25	*****	61	3.34	98	*****
26	8.97	62	*****	99	0.21
27	14.50	63	*****	100	0.14
28	10.56	64	15.89	101	0.34
29	9.34	65	0.74	102	*****
30	9.54	66	0.53	103	*****
31	22.00	67	*****	104	*****
32	*****	68	5.40	105	*****
33	3.85	69	*****	106	0.51
34	17.91	70	0.50	107	0.37
35	*****	71	*****	108	*****
36	*****	72	*****	109	*****
		73	*****		

TOTAL CONCENTRATION 358.95

SCOTT RESEARCH LABORATORIES, INC.
L.A. BASIN PROJECT CHROMATOGRAM DATA

HUNTINGTON PARK

DATE 10-18

TIME 0715 PST

PEAK	PPB	PEAK	PPB	PEAK	PPB
1	88.62	37	43.32	74	1.17
2	0.86	38	5.90	75	*****
3	48.38	39	5.15	76	0.42
4	8.52	40	3.24	77	0.50
5	0.78	41	2.93	78	0.55
6	5.56	42	5.39	79	0.32
7	0.24	43	5.08	80	2.08
8	*****	44	4.17	81	10.48
9	*****	45	5.02	82	5.77
10	0.75	46	119.48	83	2.17
11	5.81	47	12.04	84	6.14
12	6.15	48	11.11	85	*****
13	27.69	49	*****	86	5.96
14	18.04	50	5.88	87	0.66
15	3.81	51	1.62	88	19.39
16	26.64	52	1.30	89	3.43
17	2.42	53	8.90	90	*****
18	3.48	54	*****	91	*****
19	*****	55	0.30	92	0.33
20	0.56	56	1.00	93	3.28
21	25.82	57	0.87	94	0.14
22	22.76	58	3.29	95	1.03
23	*****	59	3.63	96	*****
24	11.36	60	0.38	97	0.46
25	1.29	61	13.98	98	0.49
26	29.57	62	1.63	99	1.23
27	25.31	63	0.33	100	0.89
28	16.91	64	55.67	101	1.54
29	11.91	65	3.33	102	*****
30	11.75	66	1.33	103	0.23
31	22.31	67	*****	104	*****
32	8.24	68	22.13	105	2.57
33	6.31	69	*****	106	*****
34	27.52	70	0.14	107	2.63
35	*****	71	2.47	108	0.13
36	*****	72	*****	109	1.33
		73	*****		

TOTAL CONCENTRATION 896.10

SCOTT RESEARCH LABORATORIES, INC.
L.A. BASIN PROJECT CHROMATOGRAM DATA

HUNTINGTON PARK

DATE 10-18

TIME 0830 PST

PEAK	PPB	PEAK	PPB	PEAK	PPB
1	*****	37	9.53	74	0.51
2	*****	38	1.09	75	*****
3	15.38	39	2.17	76	0.55
4	*****	40	1.44	77	0.11
5	*****	41	*****	78	0.68
6	0.89	42	1.60	79	0.64
7	*****	43	0.99	80	0.17
8	*****	44	0.53	81	4.15
9	*****	45	0.43	82	*****
10	*****	46	26.16	83	1.48
11	2.17	47	3.56	84	1.90
12	1.55	48	4.67	85	0.91
13	8.35	49	*****	86	1.17
14	7.22	50	1.77	87	0.97
15	2.95	51	*****	88	3.56
16	14.98	52	0.62	89	2.38
17	*****	53	5.59	90	*****
18	*****	54	*****	91	*****
19	1.08	55	1.02	92	*****
20	*****	56	0.19	93	0.81
21	8.33	57	0.24	94	0.74
22	4.05	58	2.07	95	*****
23	*****	59	1.33	96	*****
24	12.98	60	*****	97	*****
25	*****	61	4.08	98	*****
26	8.45	62	0.72	99	0.16
27	5.53	63	*****	100	*****
28	3.80	64	13.30	101	0.43
29	2.68	65	1.83	102	*****
30	2.70	66	0.23	103	*****
31	6.54	67	*****	104	*****
32	*****	68	5.69	105	*****
33	11.00	69	*****	106	0.33
34	4.87	70	*****	107	0.23
35	*****	71	2.12	108	*****
36	*****	72	*****	109	0.98
		73	0.24		

TOTAL CONCENTRATION 241.89

SCOTT RESEARCH LABORATORIES, INC.
L.A. BASIN PROJECT CHROMATOGRAM DATA

HUNTINGTON PARK

DATE 10-21

TIME 0530 PST

PEAK	PPB	PEAK	PPB	PEAK	PPB
1	67.28	37	5.53	74	0.51
2	*****	38	*****	75	*****
3	35.61	39	0.76	76	0.21
4	0.98	40	1.68	77	0.49
5	*****	41	1.39	78	0.40
6	2.80	42	0.48	79	0.27
7	*****	43	0.72	80	1.00
8	*****	44	2.74	81	5.49
9	*****	45	3.16	82	2.66
10	*****	46	35.43	83	1.41
11	3.62	47	5.14	84	3.37
12	3.14	48	4.61	85	*****
13	17.45	49	*****	86	4.00
14	11.03	50	4.07	87	*****
15	0.78	51	0.77	88	10.33
16	12.62	52	1.08	89	1.83
17	0.43	53	3.57	90	1.13
18	*****	54	*****	91	*****
19	*****	55	*****	92	*****
20	*****	56	0.75	93	0.11
21	18.46	57	0.38	94	0.23
22	3.79	58	*****	95	0.82
23	*****	59	2.84	96	*****
24	*****	60	0.34	97	*****
25	0.65	61	7.41	98	0.16
26	15.69	62	*****	99	0.51
27	9.81	63	*****	100	0.31
28	5.53	64	25.11	101	0.73
29	2.35	65	0.78	102	*****
30	2.04	66	0.77	103	*****
31	3.00	67	*****	104	*****
32	5.97	68	10.16	105	*****
33	5.72	69	*****	106	1.14
34	10.80	70	1.17	107	1.10
35	*****	71	*****	108	*****
36	*****	72	*****	109	0.88
		73	*****		

TOTAL CONCENTRATION 399.85

SCOTT RESEARCH LABORATORIES, INC.
L.A. BASIN PROJECT CHROMATOGRAM DATA

HUNTINGTON PARK

DATE 10-21

TIME 0750 PST

PEAK	PPB	PEAK	PPB	PEAK	PPB
1	65.33	37	8.50	74	0.56
2	*****	38	0.58	75	*****
3	35.05	39	0.95	76	0.52
4	0.64	40	2.35	77	0.29
5	*****	41	1.95	78	0.63
6	1.89	42	1.86	79	0.61
7	*****	43	1.05	80	1.17
8	*****	44	1.89	81	6.74
9	*****	45	1.88	82	3.05
10	*****	46	43.64	83	1.72
11	4.76	47	6.38	84	3.99
12	4.06	48	6.97	85	1.17
13	17.69	49	*****	86	3.18
14	11.61	50	2.78	87	0.82
15	0.32	51	*****	88	10.95
16	16.72	52	0.95	89	3.35
17	1.62	53	5.43	90	*****
18	*****	54	*****	91	*****
19	*****	55	0.40	92	0.12
20	*****	56	0.44	93	2.01
21	18.60	57	0.55	94	0.56
22	4.25	58	2.46	95	*****
23	1.37	59	*****	96	*****
24	11.62	60	*****	97	*****
25	*****	61	8.88	98	0.24
26	18.66	62	2.86	99	0.65
27	10.96	63	*****	100	0.50
28	6.32	64	33.28	101	0.96
29	3.26	65	1.30	102	*****
30	2.94	66	0.29	103	0.11
31	4.89	67	1.18	104	*****
32	5.58	68	10.06	105	*****
33	6.90	69	0.52	106	1.29
34	11.04	70	*****	107	1.09
35	*****	71	1.76	108	*****
36	6.10	72	*****	109	1.05
		73	0.21		

TOTAL CONCENTRATION

471.24

SCOTT RESEARCH LABORATORIES, INC.
L.A. BASIN PROJECT CHROMATOGRAM DATA

HUNTINGTON PARK

DATE 10-21

TIME 0908 PST

PEAK	PPH	PEAK	PPH	PEAK	PPB
1	68.15	37	2.60	74	0.32
2	*****	38	*****	75	*****
3	35.32	39	1.57	76	0.33
4	*****	40	1.87	77	0.20
5	*****	41	1.58	78	0.55
6	0.25	42	1.21	79	0.33
7	0.23	43	0.82	80	1.00
8	*****	44	1.48	81	5.32
9	*****	45	1.44	82	2.38
10	*****	46	39.87	83	1.26
11	4.01	47	5.36	84	2.58
12	3.28	48	5.01	85	*****
13	16.61	49	*****	86	2.60
14	11.07	50	1.83	87	0.46
15	*****	51	*****	88	7.77
16	16.06	52	0.71	89	1.67
17	*****	53	4.75	90	*****
18	*****	54	*****	91	*****
19	*****	55	0.31	92	*****
20	*****	56	0.26	93	1.54
21	16.36	57	0.41	94	0.37
22	3.63	58	1.59	95	0.56
23	7.98	59	*****	96	*****
24	12.52	60	*****	97	*****
25	*****	61	6.83	98	*****
26	16.89	62	1.34	99	0.51
27	9.97	63	*****	100	0.37
28	5.86	64	24.05	101	0.45
29	2.93	65	0.48	102	*****
30	2.60	66	*****	103	*****
31	4.53	67	*****	104	*****
32	4.88	68	8.38	105	*****
33	*****	69	*****	106	0.89
34	0.52	70	1.62	107	0.65
35	*****	71	*****	108	*****
36	*****	72	*****	109	*****
		73	*****		

TOTAL CONCENTRATION 391.46

SCOTT RESEARCH LABORATORIES, INC.
L.A. BASIN PROJECT CHROMATOGRAM DATA

HUNTINGTON PARK

DATE 10-21

TIME 1019 PST

PEAK	PPB	PEAK	PPB	PEAK	PPB
1	49.21	37	7.02	74	0.28
2	*****	38	0.98	75	*****
3	25.42	39	1.72	76	0.30
4	*****	40	1.82	77	*****
5	*****	41	1.17	78	0.53
6	*****	42	0.82	79	0.30
7	0.19	43	0.66	80	0.82
8	*****	44	1.00	81	4.22
9	*****	45	0.96	82	1.79
10	*****	46	34.67	83	1.00
11	3.10	47	4.76	84	1.65
12	2.09	48	4.34	85	*****
13	12.75	49	*****	86	2.26
14	8.94	50	1.48	87	0.34
15	*****	51	*****	88	4.85
16	13.40	52	0.94	89	1.71
17	*****	53	5.30	90	*****
18	*****	54	*****	91	*****
19	*****	55	0.81	92	*****
20	*****	56	0.13	93	1.14
21	14.08	57	0.39	94	*****
22	2.81	58	1.96	95	0.43
23	11.54	59	2.85	96	*****
24	13.70	60	0.21	97	*****
25	*****	61	7.64	98	*****
26	13.74	62	1.26	99	*****
27	8.37	63	*****	100	0.38
28	4.63	64	18.45	101	0.27
29	2.23	65	0.22	102	0.24
30	1.94	66	*****	103	*****
31	3.98	67	*****	104	*****
32	3.69	68	7.71	105	*****
33	6.02	69	0.80	106	*****
34	5.03	70	2.32	107	0.48
35	*****	71	*****	108	*****
36	*****	72	*****	109	*****
		73	*****		

TOTAL CONCENTRATION 342.58

SCOTT RESEARCH LABORATORIES, INC.
L.A. BASIN PROJECT CHROMATOGRAM DATA

HUNTINGTON PARK

DATE 10-21

TIME 1149 PST

PEAK	PPB	PEAK	PPB	PEAK	PPB
1	25.99	37	4.22	74	*****
2	*****	38	0.28	75	*****
3	13.70	39	0.86	76	*****
4	*****	40	*****	77	*****
5	*****	41	0.89	78	0.36
6	*****	42	0.41	79	0.12
7	*****	43	0.25	80	0.40
8	*****	44	0.57	81	2.51
9	*****	45	0.60	82	*****
10	*****	46	21.04	83	0.37
11	1.14	47	2.87	84	*****
12	1.11	48	1.95	85	*****
13	6.45	49	*****	86	0.33
14	5.44	50	1.13	87	*****
15	*****	51	*****	88	1.79
16	6.03	52	0.65	89	0.70
17	*****	53	2.62	90	*****
18	*****	54	*****	91	*****
19	*****	55	0.23	92	*****
20	*****	56	*****	93	0.34
21	8.85	57	*****	94	*****
22	3.78	58	1.08	95	*****
23	8.40	59	0.41	96	*****
24	*****	60	*****	97	*****
25	*****	61	2.58	98	*****
26	6.16	62	*****	99	*****
27	4.48	63	*****	100	0.12
28	2.50	64	8.90	101	0.23
29	1.04	65	0.13	102	*****
30	0.86	66	0.17	103	*****
31	2.11	67	*****	104	0.16
32	1.66	68	3.75	105	*****
33	7.40	69	0.38	106	*****
34	4.72	70	*****	107	*****
35	*****	71	0.59	108	*****
36	*****	72	*****	109	*****
		73	*****		

TOTAL CONCENTRATION

176.06

SCOTT RESEARCH LABORATORIES, INC.
L.A. BASIN PROJECT CHROMATOGRAM DATA

HUNTINGTON PARK

DATE 10-22

TIME 0535 PST

PEAK	PPB	PEAK	PPB	PEAK	PPB
1	70.49	37	7.38	74	0.81
2	*****	38	0.71	75	*****
3	37.22	39	0.77	76	0.35
4	0.91	40	1.44	77	0.46
5	*****	41	1.17	78	0.57
6	3.14	42	0.87	79	0.41
7	0.16	43	0.77	80	1.27
8	*****	44	2.65	81	7.19
9	*****	45	*****	82	3.47
10	*****	46	47.68	83	2.00
11	4.20	47	5.42	84	4.28
12	3.81	48	5.01	85	*****
13	18.22	49	*****	86	4.61
14	11.70	50	4.01	87	1.09
15	1.66	51	*****	88	12.73
16	14.31	52	1.42	89	2.67
17	0.59	53	4.64	90	*****
18	*****	54	*****	91	*****
19	*****	55	*****	92	0.14
20	*****	56	0.71	93	2.01
21	14.68	57	0.55	94	0.38
22	5.96	58	1.69	95	*****
23	18.96	59	1.68	96	*****
24	*****	60	*****	97	*****
25	0.64	61	7.32	98	0.55
26	20.47	62	0.22	99	0.70
27	11.51	63	*****	100	0.48
28	6.53	64	31.93	101	1.04
29	2.94	65	1.39	102	*****
30	2.78	66	0.49	103	0.11
31	4.24	67	1.35	104	0.10
32	6.84	68	11.33	105	*****
33	4.73	69	*****	106	1.85
34	6.34	70	1.54	107	1.62
35	*****	71	*****	108	0.11
36	*****	72	*****	109	1.42
		73	*****		

TOTAL CONCENTRATION 469.95

SCOTT RESEARCH LABORATORIES, INC.
L.A. BASIN PROJECT CHROMATOGRAM DATA

HUNTINGTON PARK

DATE 10-22

TIME 0653 PST

PEAK	PPR	PEAK	PPB	PEAK	PPB
1	110.23	37	13.28	74	1.44
2	0.62	38	1.47	75	*****
3	59.75	39	1.84	76	0.77
4	5.91	40	2.89	77	0.86
5	1.23	41	2.93	78	1.03
6	6.26	42	1.81	79	0.82
7	0.55	43	1.59	80	2.61
8	*****	44	4.10	81	13.07
9	*****	45	5.70	82	6.69
10	0.72	46	79.57	83	2.71
11	7.16	47	10.57	84	7.63
12	7.73	48	10.32	85	1.45
13	29.68	49	*****	86	5.87
14	22.29	50	4.34	87	0.81
15	4.26	51	1.67	88	23.34
16	27.79	52	1.61	89	3.56
17	2.40	53	7.99	90	1.47
18	3.13	54	0.41	91	*****
19	*****	55	*****	92	0.46
20	*****	56	1.13	93	4.27
21	33.01	57	1.02	94	0.64
22	8.92	58	3.05	95	*****
23	17.13	59	3.41	96	*****
24	*****	60	0.21	97	*****
25	1.76	61	13.16	98	0.56
26	36.55	62	0.86	99	1.79
27	21.33	63	*****	100	1.48
28	12.87	64	57.70	101	2.52
29	5.98	65	2.58	102	*****
30	5.43	66	0.25	103	0.35
31	8.08	67	2.08	104	0.21
32	10.95	68	20.15	105	1.83
33	6.89	69	*****	106	2.26
34	13.67	70	2.64	107	4.64
35	*****	71	*****	108	0.25
36	*****	72	*****	109	1.82
		73	0.30		

TOTAL CONCENTRATION 830.52

SCOTT RESEARCH LABORATORIES, INC.
L.A. BASIN PROJECT CHROMATOGRAM DATA

HUNTINGTON PARK

DATE 10-22

TIME 0800 PST

PEAK	PPB	PEAK	PPB	PEAK	PPB
1	115.07	37	15.64	74	1.56
2	1.39	38	1.93	75	*****
3	62.95	39	3.64	76	1.22
4	5.73	40	3.50	77	0.87
5	2.63	41	2.95	78	1.57
6	6.46	42	2.29	79	1.34
7	0.47	43	1.66	80	2.34
8	*****	44	3.78	81	11.23
9	*****	45	4.54	82	5.20
10	0.73	46	76.35	83	2.86
11	7.15	47	9.39	84	6.19
12	7.80	48	10.39	85	*****
13	32.70	49	*****	86	7.43
14	22.22	50	3.40	87	2.20
15	5.04	51	1.20	88	18.91
16	28.39	52	1.29	89	4.54
17	2.18	53	10.37	90	1.48
18	2.44	54	*****	91	*****
19	*****	55	1.36	92	0.40
20	*****	56	0.45	93	3.40
21	28.06	57	1.08	94	1.15
22	13.38	58	4.02	95	2.45
23	23.61	59	6.30	96	*****
24	4.38	60	1.04	97	0.62
25	0.53	61	16.73	98	0.29
26	32.10	62	3.54	99	1.20
27	20.10	63	*****	100	0.96
28	11.58	64	43.85	101	1.64
29	5.86	65	0.47	102	*****
30	5.31	66	0.17	103	0.27
31	8.39	67	1.68	104	0.28
32	10.25	68	17.91	105	2.86
33	11.22	69	0.37	106	*****
34	11.00	70	5.97	107	3.20
35	*****	71	*****	108	*****
36	*****	72	0.66	109	3.03
		73	0.62		

TOTAL CONCENTRATION 839.72

SCOTT RESEARCH LABORATORIES, INC.
L.A. BASIN PROJECT CHROMATOGRAM DATA

HUNTINGTON PARK

DATE 10-22

TIME 0956 PST

PEAK	PPB	PEAK	PPB	PEAK	PPB
1	112.49	37	22.15	74	0.93
2	*****	38	3.13	75	*****
3	61.73	39	3.66	76	1.17
4	*****	40	3.24	77	0.65
5	*****	41	2.96	78	1.38
6	0.29	42	3.20	79	1.23
7	0.78	43	2.39	80	2.23
8	*****	44	3.54	81	9.38
9	*****	45	4.46	82	4.48
10	*****	46	93.06	83	2.95
11	6.88	47	12.19	84	4.12
12	7.99	48	12.32	85	1.70
13	34.97	49	0.24	86	5.73
14	33.13	50	5.19	87	2.34
15	0.37	51	1.83	88	12.42
16	36.51	52	2.11	89	4.24
17	*****	53	15.52	90	1.24
18	*****	54	*****	91	*****
19	*****	55	1.22	92	0.36
20	*****	56	1.24	93	3.03
21	34.28	57	1.28	94	0.96
22	25.55	58	4.82	95	1.68
23	*****	59	5.53	96	*****
24	28.80	60	0.75	97	*****
25	*****	61	14.71	98	0.17
26	38.64	62	1.06	99	0.96
27	22.16	63	*****	100	0.84
28	13.43	64	41.67	101	0.95
29	7.96	65	1.65	102	*****
30	7.62	66	0.39	103	0.26
31	13.00	67	1.16	104	0.25
32	9.32	68	16.56	105	*****
33	10.83	69	0.87	106	2.05
34	16.46	70	0.20	107	1.98
35	*****	71	4.32	108	*****
36	*****	72	*****	109	2.90
		73	0.48		

TOTAL CONCENTRATION 885.27

SCOTT RESEARCH LABORATORIES, INC.
L.A. BASIN PROJECT CHROMATOGRAM DATA

HUNTINGTON PARK

DATE 10-22

TIME 1112 PST

PEAK	PPB	PEAK	PPB	PEAK	PPB
1	95.53	37	10.12	74	0.84
2	*****	38	1.59	75	*****
3	51.82	39	1.92	76	0.55
4	*****	40	2.11	77	0.21
5	*****	41	2.03	78	0.88
6	*****	42	1.52	79	0.78
7	0.38	43	0.89	80	1.63
8	*****	44	2.53	81	6.39
9	*****	45	3.09	82	3.16
10	*****	46	59.95	83	2.86
11	5.70	47	6.64	84	2.44
12	7.34	48	6.79	85	0.85
13	27.82	49	0.20	86	3.67
14	28.34	50	3.17	87	0.43
15	*****	51	1.28	88	7.26
16	20.50	52	2.15	89	2.84
17	*****	53	8.80	90	0.36
18	*****	54	*****	91	*****
19	*****	55	1.15	92	0.17
20	*****	56	0.56	93	1.62
21	21.24	57	0.64	94	0.50
22	19.40	58	2.45	95	0.64
23	*****	59	3.19	96	*****
24	16.90	60	*****	97	0.13
25	*****	61	9.41	98	*****
26	25.95	62	0.60	99	0.59
27	14.19	63	*****	100	0.51
28	8.16	64	29.29	101	0.34
29	3.70	65	1.89	102	*****
30	3.65	66	0.59	103	0.15
31	5.56	67	*****	104	0.13
32	7.65	68	13.15	105	0.49
33	9.60	69	1.18	106	0.55
34	8.12	70	0.24	107	1.02
35	*****	71	2.65	108	*****
36	*****	72	*****	109	2.63
		73	0.25		

TOTAL CONCENTRATION 608.70

SCOTT RESEARCH LABORATORIES, INC.

L.A. BASIN PROJECT CHROMATOGRAM DATA

HUNTINGTON PARK

DATE 10-22

TIME 1325 PST

PEAK	PPB	PEAK	PPB	PEAK	PPB
1	*****	37	3.53	74	*****
2	*****	38	*****	75	*****
3	9.13	39	0.56	76	*****
4	*****	40	0.37	77	0.40
5	*****	41	0.13	78	*****
6	*****	42	*****	79	0.17
7	*****	43	0.12	80	0.26
8	*****	44	0.45	81	2.02
9	*****	45	0.26	82	*****
10	*****	46	13.11	83	0.18
11	0.62	47	1.28	84	0.28
12	0.28	48	0.64	85	*****
13	4.25	49	*****	86	*****
14	7.78	50	0.68	87	*****
15	7.81	51	*****	88	1.65
16	7.15	52	0.85	89	0.79
17	3.85	53	1.38	90	*****
18	*****	54	*****	91	*****
19	*****	55	*****	92	*****
20	*****	56	*****	93	0.77
21	*****	57	*****	94	*****
22	*****	58	0.64	95	*****
23	10.84	59	0.24	96	*****
24	*****	60	*****	97	*****
25	*****	61	1.13	98	*****
26	5.24	62	*****	99	*****
27	3.24	63	*****	100	*****
28	1.59	64	5.42	101	0.22
29	0.57	65	*****	102	*****
30	0.50	66	0.14	103	*****
31	1.14	67	2.33	104	*****
32	0.97	68	2.27	105	*****
33	5.50	69	0.62	106	*****
34	3.33	70	0.42	107	0.11
35	*****	71	*****	108	*****
36	*****	72	*****	109	1.34
		73	*****		

TOTAL CONCENTRATION

118.83

SCOTT RESEARCH LABORATORIES, INC.
L.A. BASIN PROJECT CHROMATOGRAM DATA

HUNTINGTON PARK

DATE 10-23

TIME 0625 PST

PEAK	PPB	PEAK	PPB	PEAK	PPB
1	81.57	37	21.37	74	0.42
2	*****	38	2.70	75	*****
3	43.48	39	3.01	76	0.85
4	2.51	40	2.89	77	1.90
5	0.20	41	3.24	78	0.99
6	3.69	42	3.74	79	0.99
7	0.35	43	2.82	80	1.87
8	*****	44	3.39	81	8.93
9	0.19	45	4.27	82	4.05
10	0.33	46	110.20	83	2.71
11	5.37	47	19.60	84	5.36
12	5.75	48	18.64	85	*****
13	25.49	49	0.58	86	5.53
14	27.37	50	6.39	87	0.86
15	9.85	51	3.13	88	14.78
16	32.52	52	3.34	89	3.19
17	1.13	53	16.59	90	0.68
18	0.77	54	1.90	91	*****
19	*****	55	2.73	92	0.30
20	*****	56	4.04	93	3.67
21	34.76	57	1.00	94	0.82
22	12.84	58	4.06	95	3.74
23	11.91	59	5.01	96	*****
24	20.37	60	0.57	97	0.64
25	0.64	61	11.95	98	0.18
26	33.82	62	1.61	99	0.91
27	19.52	63	0.64	100	0.72
28	11.58	64	41.35	101	1.45
29	7.81	65	0.89	102	*****
30	7.24	66	0.21	103	0.13
31	13.25	67	2.91	104	0.20
32	7.10	68	14.22	105	0.97
33	7.42	69	*****	106	1.35
34	19.85	70	0.23	107	2.60
35	*****	71	4.24	108	0.17
36	*****	72	5.06	109	2.38
		73	0.25		

TOTAL CONCENTRATION 851.30

SCOTT RESEARCH LABORATORIES, INC.
L.A. BASIN PROJECT CHROMATOGRAM DATA

HUNTINGTON PARK

DATE 10-23

TIME 0742 PST

PEAK	PPB	PEAK	PPB	PEAK	PPB
1	153.90	37	34.14	74	1.90
2	3.60	38	3.64	75	*****
3	90.87	39	3.29	76	1.65
4	6.23	40	3.76	77	3.97
5	1.19	41	3.65	78	2.66
6	5.58	42	3.89	79	2.56
7	1.34	43	2.75	80	4.63
8	*****	44	4.35	81	13.18
9	*****	45	5.29	82	5.82
10	0.74	46	91.39	83	4.04
11	10.72	47	13.27	84	7.78
12	11.79	48	14.24	85	*****
13	53.12	49	0.35	86	7.44
14	34.39	50	4.30	87	1.56
15	2.26	51	1.99	88	18.76
16	111.64	52	2.40	89	4.97
17	4.56	53	13.95	90	0.54
18	5.70	54	*****	91	*****
19	0.97	55	0.26	92	0.39
20	*****	56	0.84	93	10.88
21	55.27	57	1.28	94	1.61
22	7.06	58	4.67	95	13.57
23	19.25	59	5.33	96	0.16
24	20.96	60	0.83	97	0.73
25	2.66	61	15.84	98	0.26
26	58.57	62	2.27	99	1.44
27	30.81	63	0.91	100	1.01
28	17.93	64	53.78	101	2.07
29	9.29	65	1.47	102	0.09
30	8.34	66	0.17	103	0.30
31	13.94	67	2.26	104	0.35
32	11.30	68	19.72	105	1.45
33	6.56	69	0.26	106	1.75
34	25.04	70	0.38	107	3.77
35	*****	71	5.31	108	0.25
36	*****	72	0.95	109	2.94
		73	0.89		

TOTAL CONCENTRATION 1234.61

SCOTT RESEARCH LABORATORIES, INC.
L.A. BASIN PROJECT CHROMATOGRAM DATA

HUNTINGTON PARK

DATE 10-23

TIME 0852 PST

PEAK	PPB	PEAK	PPB	PEAK	PPB
1	169.07	37	22.94	74	2.32
2	4.67	38	3.12	75	*****
3	87.67	39	3.48	76	1.67
4	2.04	40	3.85	77	1.41
5	0.51	41	3.47	78	2.23
6	2.70	42	3.85	79	1.93
7	1.06	43	2.53	80	3.25
8	*****	44	4.75	81	13.76
9	*****	45	5.63	82	6.48
10	0.29	46	103.37	83	4.30
11	10.88	47	14.46	84	7.14
12	12.13	48	14.29	85	*****
13	50.48	49	0.80	86	8.82
14	32.58	50	5.44	87	1.90
15	5.91	51	3.47	88	20.49
16	61.09	52	3.91	89	5.10
17	2.15	53	18.67	90	1.14
18	1.08	54	1.46	91	*****
19	*****	55	0.33	92	0.52
20	*****	56	0.78	93	3.89
21	39.59	57	1.38	94	1.41
22	21.24	58	5.51	95	2.84
23	25.21	59	6.82	96	*****
24	*****	60	1.30	97	1.01
25	1.04	61	19.55	98	0.59
26	50.07	62	2.92	99	1.62
27	20.59	63	1.97	100	1.28
28	16.70	64	66.27	101	1.84
29	8.82	65	3.63	102	0.12
30	8.14	66	0.37	103	0.53
31	11.73	67	2.15	104	0.51
32	14.19	68	23.29	105	1.49
33	10.84	69	0.61	106	1.81
34	17.57	70	0.35	107	3.82
35	*****	71	5.75	108	0.37
36	*****	72	0.65	109	3.03
		73	0.99		

TOTAL CONCENTRATION 1173.28

SCOTT RESEARCH LABORATORIES, INC.
L.A. BASIN PROJECT CHROMATOGRAM DATA

HUNTINGTON PARK

DATE 10-23

TIME 1055 PST

PEAK	PPB	PEAK	PPB	PEAK	PPB
1	71.18	37	16.94	74	0.57
2	*****	38	2.40	75	*****
3	35.85	39	2.57	76	0.40
4	*****	40	1.89	77	0.11
5	*****	41	1.62	78	0.62
6	*****	42	2.64	79	0.49
7	0.43	43	1.69	80	1.06
8	*****	44	1.88	81	4.88
9	*****	45	2.23	82	2.42
10	*****	46	57.17	83	1.62
11	6.43	47	6.30	84	1.88
12	7.35	48	6.08	85	0.66
13	23.10	49	*****	86	2.15
14	11.84	50	2.42	87	0.42
15	*****	51	0.88	88	6.10
16	26.20	52	1.02	89	1.46
17	*****	53	6.69	90	*****
18	*****	54	*****	91	*****
19	*****	55	0.76	92	*****
20	*****	56	0.35	93	1.37
21	12.44	57	0.21	94	0.50
22	3.02	58	1.46	95	*****
23	*****	59	0.58	96	*****
24	*****	60	*****	97	*****
25	13.16	61	8.00	98	*****
26	11.02	62	0.89	99	0.48
27	13.27	63	*****	100	0.34
28	8.54	64	24.41	101	0.30
29	4.98	65	1.51	102	*****
30	4.90	66	0.27	103	*****
31	8.92	67	*****	104	*****
32	5.16	68	10.97	105	*****
33	8.68	69	*****	106	0.68
34	15.11	70	*****	107	0.59
35	*****	71	1.77	108	*****
36	*****	72	*****	109	1.02
		73	0.16		

TOTAL CONCENTRATION

477.72

SCOTT RESEARCH LABORATORIES, INC.
L.A. BASIN PROJECT CHROMATOGRAM DATA

HUNTINGTON PARK

DATE 10-23

TIME 1208 PST

PEAK	PPB	PEAK	PPB	PEAK	PPB
1	39.97	37	6.01	74	0.41
2	*****	38	0.82	75	*****
3	18.37	39	1.07	76	0.31
4	*****	40	0.74	77	*****
5	*****	41	0.46	78	0.47
6	*****	42	*****	79	0.51
7	*****	43	0.25	80	0.35
8	*****	44	0.53	81	3.59
9	*****	45	0.58	82	*****
10	*****	46	29.14	83	1.52
11	3.21	47	3.03	84	1.18
12	3.37	48	3.47	85	0.11
13	10.73	49	0.97	86	0.33
14	6.16	50	1.20	87	0.58
15	*****	51	*****	88	1.91
16	18.93	52	0.53	89	1.82
17	*****	53	4.89	90	*****
18	*****	54	*****	91	*****
19	*****	55	0.98	92	*****
20	*****	56	*****	93	0.56
21	6.98	57	*****	94	0.48
22	2.50	58	1.26	95	*****
23	*****	59	1.17	96	*****
24	3.17	60	*****	97	*****
25	11.76	61	4.56	98	*****
26	6.78	62	0.52	99	0.12
27	5.98	63	*****	100	0.10
28	3.29	64	11.72	101	0.10
29	1.47	65	0.75	102	*****
30	1.31	66	0.24	103	*****
31	2.86	67	*****	104	*****
32	2.14	68	4.89	105	*****
33	5.23	69	*****	106	*****
34	4.41	70	*****	107	0.12
35	*****	71	1.88	108	*****
36	*****	72	*****	109	0.62
		73	0.22		

TOTAL CONCENTRATION 256.01

SCOTT RESEARCH LABORATORIES, INC.
L.A. BASIN PROJECT CHROMATOGRAM DATA

HUNTINGTON PARK

DATE 10-23

TIME 1312 PST

PEAK	PPB	PEAK	PPB	PEAK	PPB
1	32.02	37	2.46	74	0.16
2	*****	38	0.18	75	*****
3	15.69	39	0.40	76	0.14
4	*****	40	*****	77	*****
5	*****	41	0.48	78	0.37
6	*****	42	*****	79	0.26
7	*****	43	*****	80	0.32
8	*****	44	0.61	81	2.76
9	*****	45	0.45	82	*****
10	*****	46	15.82	83	0.46
11	1.56	47	2.09	84	0.39
12	1.17	48	1.16	85	*****
13	6.56	49	*****	86	0.91
14	6.03	50	0.70	87	*****
15	2.76	51	*****	88	1.64
16	5.23	52	0.89	89	1.10
17	*****	53	2.40	90	*****
18	*****	54	*****	91	*****
19	*****	55	*****	92	*****
20	*****	56	*****	93	0.40
21	6.10	57	*****	94	0.18
22	1.73	58	*****	95	*****
23	*****	59	1.44	96	*****
24	10.37	60	*****	97	*****
25	*****	61	2.10	98	*****
26	7.32	62	*****	99	0.12
27	4.02	63	*****	100	*****
28	1.89	64	7.03	101	0.12
29	0.48	65	*****	102	*****
30	0.46	66	*****	103	*****
31	1.07	67	87.59	104	*****
32	1.57	68	*****	105	*****
33	4.15	69	1.19	106	*****
34	2.07	70	1.03	107	0.15
35	*****	71	*****	108	*****
36	*****	72	*****	109	1.86
		73	*****		

TOTAL CONCENTRATION 251.89

SCOTT RESEARCH LABORATORIES, INC.
L.A. BASIN PROJECT CHROMATOGRAM DATA

HUNTINGTON PARK

DATE 10-24

TIME 0635 PST

PEAK	PPB	PEAK	PPB	PEAK	PPB
1	193.64	37	40.50	74	3.10
2	5.12	38	5.02	75	*****
3	101.97	39	5.30	76	1.80
4	11.62	40	5.81	77	2.29
5	1.79	41	5.83	78	2.05
6	12.72	42	5.67	79	1.87
7	1.21	43	4.97	80	5.13
8	0.75	44	7.19	81	21.39
9	*****	45	9.59	82	10.75
10	1.78	46	156.81	83	5.03
11	12.00	47	19.37	84	12.55
12	14.08	48	19.29	85	2.49
13	56.12	49	0.28	86	10.02
14	34.83	50	7.77	87	1.93
15	9.64	51	3.08	88	38.51
16	50.40	52	3.02	89	5.55
17	4.69	53	18.69	90	2.30
18	6.72	54	0.91	91	*****
19	*****	55	0.46	92	0.85
20	0.33	56	1.47	93	8.44
21	39.46	57	2.08	94	1.54
22	21.30	58	3.92	95	5.63
23	3.75	59	6.66	96	0.12
24	35.18	60	0.73	97	1.07
25	2.95	61	24.08	98	1.09
26	58.61	62	2.35	99	2.73
27	46.78	63	0.58	100	2.14
28	25.30	64	100.54	101	3.88
29	13.99	65	5.16	102	0.13
30	12.67	66	1.15	103	0.55
31	21.04	67	4.15	104	0.36
32	20.05	68	36.33	105	2.82
33	10.78	69	*****	106	3.59
34	38.60	70	0.51	107	7.06
35	0.48	71	6.69	108	0.55
36	0.30	72	0.41	109	3.29
		73	1.01		

TOTAL CONCENTRATION 1561.10

SCOTT RESEARCH LABORATORIES, INC.
L.A. BASIN PROJECT CHROMATOGRAM DATA

HUNTINGTON PARK

DATE 10-24

TIME 0742 PST

PEAK	PPE	PEAK	PPB	PEAK	PPB
1	109.74	37	30.15	74	1.29
2	3.98	38	4.19	75	*****
3	54.95	39	4.78	76	0.72
4	5.55	40	3.95	77	0.64
5	1.03	41	3.78	78	0.85
6	6.27	42	4.34	79	0.63
7	0.51	43	3.66	80	2.91
8	*****	44	4.20	81	13.58
9	*****	45	5.42	82	7.04
10	0.85	46	99.81	83	2.89
11	6.61	47	12.78	84	7.81
12	7.60	48	13.15	85	1.35
13	31.69	49	0.19	86	6.53
14	20.52	50	4.36	87	0.94
15	7.87	51	2.00	88	25.61
16	29.84	52	2.04	89	3.49
17	2.34	53	12.83	90	1.14
18	2.76	54	0.25	91	*****
19	*****	55	0.39	92	0.51
20	*****	56	0.56	93	4.65
21	24.65	57	0.98	94	0.64
22	5.66	58	4.36	95	2.78
23	12.50	59	4.23	96	*****
24	17.52	60	0.42	97	0.40
25	1.18	61	16.15	98	0.74
26	33.53	62	1.52	99	1.74
27	25.43	63	0.47	100	1.34
28	15.55	64	63.98	101	2.16
29	8.82	65	3.56	102	*****
30	8.18	66	0.65	103	0.32
31	14.78	67	4.46	104	*****
32	10.83	68	23.13	105	1.70
33	7.15	69	*****	106	2.24
34	22.59	70	0.20	107	4.24
35	*****	71	3.38	108	0.21
36	*****	72	*****	109	1.56
		73	0.20		

TOTAL CONCENTRATION

944.07

SCOTT RESEARCH LABORATORIES, INC.
L.A. BASIN PROJECT CHROMATOGRAM DATA

HUNTINGTON PARK

DATE 10-24

TIME 0900 PST

PEAK	PPB	PEAK	PPB	PEAK	PPB
1	39.74	37	6.35	74	0.45
2	*****	38	0.44	75	*****
3	23.38	39	0.89	76	0.17
4	*****	40	1.51	77	0.26
5	*****	41	1.28	78	0.33
6	*****	42	0.95	79	0.21
7	0.25	43	0.50	80	1.85
8	*****	44	0.73	81	6.48
9	0.15	45	0.81	82	3.47
10	3.03	46	34.47	83	1.16
11	1.69	47	4.19	84	3.50
12	*****	48	4.25	85	0.56
13	10.34	49	*****	86	2.68
14	6.26	50	1.75	87	0.18
15	*****	51	*****	88	12.74
16	13.06	52	0.51	89	2.15
17	1.58	53	*****	90	*****
18	4.14	54	4.24	91	*****
19	1.78	55	*****	92	0.15
20	*****	56	0.26	93	2.58
21	10.61	57	0.12	94	0.41
22	3.50	58	0.23	95	1.11
23	1.20	59	2.07	96	*****
24	14.98	60	3.26	97	*****
25	*****	61	*****	98	0.20
26	9.54	62	6.22	99	0.75
27	8.78	63	0.45	100	0.69
28	3.57	64	26.53	101	0.70
29	1.50	65	*****	102	*****
30	0.98	66	1.10	103	0.16
31	2.37	67	*****	104	*****
32	2.76	68	*****	105	*****
33	3.69	69	9.78	106	1.55
34	4.46	70	*****	107	1.44
35	*****	71	*****	108	*****
36	*****	72	1.24	109	0.60
		73	*****		

TOTAL CONCENTRATION 334.25

SCOTT RESEARCH LABORATORIES, INC.
L.A. BASIN PROJECT CHROMATOGRAM DATA

HUNTINGTON PARK

DATE 10-24

TIME 1015 PST

PEAK	PPB	PEAK	PPB	PEAK	PPB
1	29.09	37	10.79	74	*****
2	*****	38	1.35	75	*****
3	12.27	39	1.66	76	0.28
4	*****	40	1.32	77	*****
5	*****	41	*****	78	0.31
6	*****	42	1.48	79	0.30
7	*****	43	1.24	80	0.27
8	*****	44	0.23	81	2.45
9	*****	45	0.26	82	1.07
10	*****	46	29.96	83	0.84
11	1.17	47	3.00	84	1.17
12	1.26	48	3.25	85	0.49
13	5.39	49	*****	86	0.63
14	3.86	50	0.59	87	0.56
15	*****	51	*****	88	3.37
16	9.52	52	0.32	89	2.34
17	*****	53	2.22	90	*****
18	*****	54	*****	91	*****
19	*****	55	1.04	92	*****
20	*****	56	*****	93	0.86
21	4.87	57	*****	94	0.67
22	1.08	58	0.66	95	*****
23	11.85	59	*****	96	*****
24	10.75	60	*****	97	*****
25	*****	61	2.84	98	*****
26	4.69	62	*****	99	0.21
27	5.67	63	*****	100	*****
28	3.97	64	10.43	101	0.31
29	2.74	65	0.18	102	*****
30	2.71	66	*****	103	*****
31	7.00	67	*****	104	0.16
32	*****	68	3.55	105	*****
33	6.87	69	*****	106	*****
34	8.38	70	1.03	107	0.43
35	*****	71	*****	108	*****
36	*****	72	*****	109	1.77
		73	*****		

TOTAL CONCENTRATION

229.27

SCOTT RESEARCH LABORATORIES, INC.
L.A. BASIN PROJECT CHROMATOGRAM DATA

HUNTINGTON PARK

DATE 10-24

TIME 1342 PST

PEAK	PPB	PEAK	PPB	PEAK	PPB
1	26.87	37	3.82	74	*****
2	*****	38	*****	75	*****
3	12.47	39	0.59	76	*****
4	*****	40	0.66	77	0.22
5	*****	41	*****	78	0.17
6	*****	42	*****	79	0.20
7	0.30	43	0.13	80	0.35
8	*****	44	0.67	81	2.22
9	*****	45	0.48	82	0.84
10	*****	46	17.09	83	0.40
11	*****	47	2.17	84	0.48
12	0.62	48	1.13	85	*****
13	5.38	49	*****	86	0.50
14	3.72	50	1.50	87	*****
15	*****	51	*****	88	2.25
16	8.06	52	0.76	89	0.97
17	*****	53	2.37	90	*****
18	*****	54	*****	91	*****
19	*****	55	*****	92	*****
20	*****	56	0.31	93	1.01
21	9.70	57	*****	94	0.09
22	1.13	58	1.68	95	*****
23	2.76	59	1.29	96	*****
24	9.36	60	*****	97	*****
25	*****	61	3.37	98	*****
26	8.02	62	0.71	99	0.20
27	4.90	63	*****	100	0.09
28	2.73	64	7.39	101	0.17
29	1.76	65	*****	102	*****
30	1.68	66	*****	103	*****
31	3.53	67	*****	104	*****
32	2.01	68	3.65	105	*****
33	10.56	69	0.44	106	0.16
34	2.93	70	0.60	107	0.18
35	*****	71	*****	108	*****
36	*****	72	*****	109	1.39
		73	*****		

TOTAL CONCENTRATION. 182.39

SCOTT RESEARCH LABORATORIES, INC.
L.A. BASIN PROJECT CHROMATOGRAM DATA

HUNTINGTON PARK

DATE 10-25

TIME 0713 PST

PEAK	PPB	PEAK	PPB	PEAK	PPB
1	176.53	37	19.47	74	2.88
2	5.73	38	2.19	75	*****
3	96.45	39	2.88	76	1.38
4	12.98	40	4.78	77	1.25
5	4.62	41	5.00	78	1.64
6	9.24	42	3.30	79	1.41
7	1.02	43	2.17	80	4.10
8	0.70	44	6.30	81	19.58
9	*****	45	8.83	82	9.74
10	1.87	46	121.18	83	4.25
11	12.81	47	17.35	84	11.00
12	14.54	48	16.90	85	1.98
13	56.35	49	0.69	86	8.72
14	32.22	50	6.24	87	2.14
15	4.47	51	3.81	88	35.56
16	41.00	52	3.52	89	4.34
17	5.03	53	18.77	90	*****
18	8.11	54	2.98	91	0.36
19	1.87	55	1.84	92	*****
20	*****	56	3.66	93	0.52
21	31.03	57	3.68	94	6.35
22	2.69	58	7.52	95	1.38
23	4.53	59	10.35	96	3.99
24	23.59	60	0.48	97	*****
25	2.19	61	21.17	98	*****
26	52.04	62	1.54	99	1.55
27	30.92	63	*****	100	2.89
28	17.25	64	88.81	101	2.46
29	7.18	65	4.07	102	4.13
30	6.10	66	0.51	103	*****
31	8.51	67	7.39	104	0.87
32	17.99	68	31.07	105	0.46
33	6.79	69	*****	106	*****
34	23.17	70	0.39	107	2.67
35	*****	71	4.48	108	3.14
36	0.40	72	0.20	109	6.31
		73	0.86		

TOTAL CONCENTRATION 1301.81

SCOTT RESEARCH LABORATORIES, INC.
L.A. BASIN PROJECT CHROMATOGRAM DATA

HUNTINGTON PARK

DATE 10-25

TIME 0851 PST

PEAK	PPB	PEAK	PPB	PEAK	PPB
1	74.46	37	12.36	74	0.67
2	*****	38	1.79	75	*****
3	38.45	39	2.43	76	0.34
4	1.03	40	2.27	77	0.62
5	*****	41	1.74	78	1.08
6	3.05	42	1.64	79	0.92
7	*****	43	1.10	80	1.35
8	*****	44	1.72	81	7.03
9	*****	45	*****	82	3.11
10	*****	46	50.69	83	1.87
11	5.14	47	7.17	84	3.80
12	5.51	48	8.63	85	1.41
13	21.52	49	*****	86	3.73
14	12.86	50	1.81	87	1.52
15	0.52	51	0.87	88	10.71
16	21.06	52	1.10	89	3.31
17	2.22	53	8.82	90	0.86
18	1.14	54	*****	91	*****
19	*****	55	0.83	92	0.20
20	*****	56	0.11	93	2.06
21	16.56	57	0.89	94	0.82
22	2.75	58	3.71	95	1.03
23	15.04	59	4.96	96	*****
24	20.63	60	0.20	97	*****
25	*****	61	10.53	98	0.21
26	19.51	62	1.42	99	0.75
27	14.83	63	0.76	100	0.51
28	7.22	64	31.27	101	0.88
29	3.46	65	1.08	102	*****
30	3.04	66	*****	103	0.16
31	5.32	67	1.72	104	0.18
32	6.26	68	10.92	105	*****
33	28.84	69	*****	106	1.71
34	7.57	70	3.59	107	1.50
35	*****	71	*****	108	0.10
36	*****	72	0.13	109	2.01
		73	0.43		

TOTAL CONCENTRATION 569.52

SCOTT RESEARCH LABORATORIES, INC.
L.A. BASIN PROJECT CHROMATOGRAM DATA

HUNTINGTON PARK

DATE 10-25

TIME 1004 PST

PEAK	PPB	PEAK	PPB	PEAK	PPB
1	96.07	37	9.38	74	0.84
2	*****	38	1.39	75	*****
3	53.25	39	2.18	76	0.68
4	*****	40	1.86	77	0.23
5	*****	41	1.36	78	1.02
6	0.82	42	1.28	79	0.92
7	0.23	43	0.80	80	1.33
8	*****	44	1.71	81	6.10
9	*****	45	1.97	82	2.68
10	*****	46	46.38	83	1.70
11	5.97	47	5.26	84	3.05
12	6.81	48	6.58	85	1.42
13	28.63	49	*****	86	3.54
14	11.53	50	1.56	87	1.71
15	*****	51	0.25	88	7.87
16	16.05	52	0.89	89	3.27
17	*****	53	7.89	90	1.08
18	*****	54	*****	91	*****
19	*****	55	0.88	92	0.09
20	2.54	56	*****	93	1.52
21	25.62	57	0.67	94	0.78
22	7.94	58	2.60	95	0.76
23	4.51	59	2.06	96	*****
24	*****	60	0.14	97	*****
25	0.20	61	8.70	98	*****
26	23.05	62	0.37	99	0.56
27	12.64	63	*****	100	0.42
28	6.05	64	25.32	101	0.52
29	2.96	65	1.10	102	*****
30	2.84	66	0.14	103	0.14
31	4.65	67	1.36	104	0.11
32	5.49	68	10.19	105	*****
33	12.29	69	0.60	106	1.03
34	10.20	70	2.82	107	0.91
35	*****	71	*****	108	*****
36	*****	72	*****	109	1.57
		73	0.41		

TOTAL CONCENTRATION 534.71

SCOTT RESEARCH LABORATORIES, INC.
L.A. BASIN PROJECT CHROMATOGRAM DATA

HUNTINGTON PARK

DATE 10-25

TIME 1206 PST

PEAK	PPB	PEAK	PPB	PEAK	PPB
1	35.08	37	3.92	74	*****
2	*****	38	0.36	75	0.10
3	16.68	39	0.88	76	*****
4	*****	40	1.25	77	0.11
5	*****	41	*****	78	0.28
6	*****	42	*****	79	0.12
7	*****	43	0.32	80	0.28
8	*****	44	0.46	81	2.56
9	*****	45	0.48	82	*****
10	*****	46	16.86	83	0.52
11	4.06	47	2.50	84	0.31
12	3.88	48	2.05	85	*****
13	12.16	49	*****	86	0.59
14	4.92	50	0.81	87	*****
15	*****	51	*****	88	1.70
16	9.13	52	0.72	89	0.76
17	0.38	53	2.34	90	*****
18	*****	54	*****	91	*****
19	*****	55	*****	92	*****
20	*****	56	*****	93	0.35
21	6.08	57	*****	94	*****
22	0.98	58	*****	95	*****
23	*****	59	0.93	96	*****
24	1.89	60	*****	97	*****
25	7.89	61	2.50	98	*****
26	5.44	62	*****	99	0.17
27	4.43	63	*****	100	*****
28	2.21	64	7.28	101	*****
29	1.03	65	0.13	102	*****
30	0.88	66	*****	103	*****
31	2.11	67	*****	104	*****
32	1.84	68	3.64	105	*****
33	6.31	69	0.35	106	*****
34	2.58	70	0.58	107	0.21
35	*****	71	*****	108	*****
36	*****	72	*****	109	1.16
		73	*****		

TOTAL CONCENTRATION

187.81

SCOTT RESEARCH LABORATORIES, INC.
L.A. BASIN PROJECT CHROMATOGRAM DATA

HUNTINGTON PARK

DATE 10-26

TIME 1110 PST

PEAK	PPB	PEAK	PPB	PEAK	PPB
1	58.68	37	9.69	74	0.30
2	*****	38	1.22	75	*****
3	26.51	39	1.45	76	0.18
4	*****	40	1.54	77	*****
5	*****	41	1.18	78	0.39
6	*****	42	1.02	79	0.33
7	1.52	43	0.78	80	0.91
8	*****	44	1.78	81	3.93
9	*****	45	1.94	82	1.83
10	*****	46	38.65	83	1.03
11	2.90	47	4.81	84	1.12
12	3.21	48	4.19	85	*****
13	14.06	49	*****	86	2.16
14	10.48	50	2.23	87	0.26
15	*****	51	*****	88	4.47
16	19.17	52	1.05	89	2.08
17	*****	53	5.14	90	*****
18	*****	54	*****	91	*****
19	*****	55	*****	92	*****
20	*****	56	0.66	93	0.93
21	18.41	57	*****	94	0.14
22	3.38	58	2.26	95	*****
23	11.00	59	*****	96	*****
24	14.61	60	*****	97	*****
25	*****	61	7.53	98	*****
26	18.85	62	1.40	99	0.34
27	11.68	63	*****	100	0.26
28	6.58	64	16.81	101	0.21
29	3.82	65	0.29	102	*****
30	3.62	66	*****	103	*****
31	6.51	67	*****	104	*****
32	5.20	68	7.87	105	*****
33	8.77	69	0.65	106	0.43
34	7.74	70	1.22	107	0.44
35	*****	71	*****	108	*****
36	*****	72	*****	109	1.60
		73	*****		

TOTAL CONCENTRATION 395.71

SCOTT RESEARCH LABORATORIES, INC.

L.A. BASIN PROJECT CHROMATOGRAM DATA

HUNTINGTON PARK

DATE 10-27

TIME 1308 PST

PEAK	PPB	PEAK	PPB	PEAK	PPB
1	22.11	37	1.73	74	*****
2	*****	38	*****	75	*****
3	12.20	39	0.28	76	*****
4	*****	40	0.87	77	*****
5	*****	41	*****	78	*****
6	*****	42	*****	79	0.22
7	*****	43	*****	80	0.22
8	*****	44	0.85	81	1.16
9	*****	45	0.60	82	0.39
10	*****	46	10.97	83	*****
11	0.99	47	1.62	84	0.15
12	1.21	48	1.06	85	*****
13	6.65	49	*****	86	0.24
14	4.45	50	1.51	87	*****
15	*****	51	*****	88	1.36
16	3.21	52	0.81	89	0.44
17	*****	53	0.89	90	*****
18	*****	54	*****	91	*****
19	*****	55	*****	92	*****
20	*****	56	0.48	93	0.28
21	5.88	57	*****	94	*****
22	14.20	58	1.68	95	*****
23	*****	59	1.54	96	*****
24	*****	60	*****	97	*****
25	*****	61	2.54	98	*****
26	5.75	62	*****	99	*****
27	2.98	63	*****	100	0.09
28	1.23	64	3.63	101	0.09
29	*****	65	*****	102	*****
30	*****	66	*****	103	*****
31	*****	67	2.09	104	*****
32	1.92	68	1.94	105	*****
33	5.70	69	0.47	106	*****
34	2.88	70	0.25	107	0.10
35	*****	71	*****	108	*****
36	*****	72	*****	109	*****
		73	*****		

TOTAL CONCENTRATION

132.16

SCOTT RESEARCH LABORATORIES, INC.

L.A. BASIN PROJECT CHROMATOGRAM DATA

HUNTINGTON PARK

DATE 10-28

TIME 0732 PST

PEAK	PPB	PEAK	PPB	PEAK	PPB
1	31.72	37	4.37	74	*****
2	*****	38	*****	75	*****
3	16.18	39	0.67	76	*****
4	0.25	40	0.69	77	0.10
5	*****	41	0.59	78	0.18
6	0.51	42	0.15	79	0.10
7	*****	43	0.34	80	0.37
8	*****	44	0.86	81	2.89
9	*****	45	0.87	82	1.10
10	*****	46	18.71	83	0.31
11	1.54	47	2.59	84	1.13
12	1.14	48	2.46	85	*****
13	8.68	49	*****	86	0.81
14	5.83	50	1.17	87	*****
15	0.24	51	*****	88	4.59
16	10.22	52	0.38	89	0.80
17	*****	53	2.58	90	*****
18	*****	54	*****	91	*****
19	*****	55	*****	92	*****
20	*****	56	*****	93	1.45
21	10.69	57	*****	94	*****
22	2.62	58	1.81	95	0.49
23	*****	59	3.08	96	*****
24	9.76	60	*****	97	*****
25	*****	61	7.93	98	*****
26	11.13	62	3.59	99	0.19
27	5.89	63	*****	100	0.11
28	3.18	64	19.10	101	0.29
29	1.55	65	3.21	102	*****
30	1.28	66	*****	103	*****
31	2.48	67	0.43	104	*****
32	2.72	68	3.98	105	*****
33	4.18	69	0.16	106	0.49
34	4.53	70	0.73	107	0.23
35	*****	71	*****	108	*****
36	*****	72	*****	109	0.70
		73	*****		

TOTAL CONCENTRATION 233.39

SCOTT RESEARCH LABORATORIES, INC.

L.A. BASIN PROJECT CHROMATOGRAM DATA

HUNTINGTON PARK

DATE 10-28

TIME 0955 PST

PEAK	PPB	PEAK	PPB	PEAK	PPB
1	40.19	37	3.98	74	*****
2	*****	38	*****	75	*****
3	19.75	39	0.69	76	*****
4	*****	40	2.44	77	*****
5	*****	41	*****	78	0.16
6	*****	42	*****	79	0.11
7	*****	43	0.33	80	0.50
8	*****	44	0.71	81	2.92
9	*****	45	0.61	82	1.24
10	*****	46	31.87	83	0.48
11	2.21	47	6.16	84	1.07
12	2.05	48	5.43	85	*****
13	10.23	49	*****	86	1.07
14	6.60	50	1.05	87	*****
15	*****	51	*****	88	3.87
16	9.12	52	0.48	89	0.86
17	*****	53	3.98	90	*****
18	*****	54	*****	91	*****
19	*****	55	*****	92	*****
20	*****	56	*****	93	0.80
21	8.24	57	*****	94	*****
22	0.78	58	1.80	95	*****
23	*****	59	2.18	96	*****
24	0.30	60	*****	97	*****
25	*****	61	4.82	98	*****
26	15.45	62	1.72	99	0.23
27	5.66	63	*****	100	0.10
28	3.15	64	15.23	101	0.17
29	1.26	65	*****	102	*****
30	0.90	66	*****	103	*****
31	1.71	67	*****	104	*****
32	2.63	68	5.49	105	*****
33	3.32	69	0.30	106	0.40
34	3.80	70	0.78	107	0.28
35	*****	71	*****	108	*****
36	*****	72	*****	109	0.65
		73	*****		

TOTAL CONCENTRATION 242.56

SCOTT RESEARCH LABORATORIES, INC.
L.A. BASIN PROJECT CHROMATOGRAM DATA

HUNTINGTON PARK

DATE 10-28

TIME 1330 PST

PEAK	PPB	PEAK	PPB	PEAK	PPB
1	43.54	37	4.57	74	*****
2	*****	38	0.35	75	*****
3	20.33	39	0.55	76	*****
4	*****	40	1.81	77	*****
5	*****	41	*****	78	0.24
6	*****	42	*****	79	0.16
7	*****	43	0.28	80	0.53
8	*****	44	0.75	81	2.42
9	0.42	45	0.87	82	1.03
10	*****	46	28.02	83	0.46
11	2.28	47	4.38	84	0.32
12	2.38	48	3.70	85	*****
13	10.40	49	*****	86	0.93
14	7.72	50	1.24	87	*****
15	*****	51	*****	88	2.39
16	10.76	52	0.75	89	0.68
17	*****	53	4.11	90	*****
18	*****	54	*****	91	*****
19	*****	55	0.30	92	*****
20	*****	56	0.12	93	0.56
21	11.82	57	*****	94	*****
22	0.87	58	1.79	95	*****
23	0.53	59	2.28	96	*****
24	*****	60	*****	97	*****
25	3.86	61	4.76	98	*****
26	23.35	62	1.40	99	0.17
27	6.23	63	*****	100	0.13
28	3.33	64	9.97	101	*****
29	1.35	65	*****	102	*****
30	1.01	66	*****	103	*****
31	1.88	67	*****	104	*****
32	3.16	68	5.27	105	*****
33	2.87	69	0.56	106	0.14
34	4.51	70	0.78	107	0.14
35	*****	71	*****	108	*****
36	*****	72	*****	109	1.11
		73	*****		

TOTAL CONCENTRATION

252.89

SCOTT RESEARCH LABORATORIES, INC.
L.A. BASIN PROJECT CHROMATOGRAM DATA

HUNTINGTON PARK

LATE 10-28

TIME 1440 PST

PEAK	PPB	PEAK	PPB	PEAK	PPB
1	24.11	37	2.45	74	*****
2	*****	38	*****	75	*****
3	13.83	39	*****	76	*****
4	*****	40	0.99	77	*****
5	*****	41	*****	78	0.14
6	*****	42	*****	79	*****
7	*****	43	*****	80	0.23
8	*****	44	0.40	81	1.66
9	*****	45	0.33	82	0.59
10	*****	46	13.23	83	0.20
11	1.32	47	2.27	84	0.48
12	0.82	48	1.70	85	*****
13	5.88	49	*****	86	0.20
14	4.67	50	0.63	87	*****
15	*****	51	*****	88	2.14
16	5.24	52	0.40	89	0.53
17	*****	53	1.79	90	*****
18	*****	54	*****	91	*****
19	*****	55	*****	92	*****
20	*****	56	*****	93	0.45
21	5.09	57	*****	94	*****
22	0.40	58	1.83	95	*****
23	*****	59	0.25	96	*****
24	7.90	60	*****	97	*****
25	*****	61	2.86	98	*****
26	6.46	62	0.96	99	0.09
27	3.99	63	*****	100	*****
28	2.36	64	8.02	101	0.12
29	0.68	65	0.73	102	*****
30	0.39	66	*****	103	*****
31	1.10	67	7.47	104	*****
32	1.39	68	2.66	105	*****
33	2.80	69	0.22	106	0.18
34	2.69	70	0.41	107	0.23
35	*****	71	*****	108	*****
36	*****	72	*****	109	0.91
		73	*****		

TOTAL CONCENTRATION

149.09

SCOTT RESEARCH LABORATORIES, INC.
L.A. BASIN PROJECT CHROMATOGRAM DATA

HUNTINGTON PARK

DATE 10-29

TIME 0623 PST

PEAK	PPB	PEAK	PPB	PEAK	PPB
1	23.09	37	5.95	74	0.12
2	*****	38	0.49	75	*****
3	11.89	39	0.92	76	*****
4	*****	40	1.81	77	0.13
5	*****	41	*****	78	0.15
6	0.26	42	0.62	79	0.17
7	*****	43	0.49	80	0.31
8	*****	44	0.56	81	2.64
9	*****	45	0.52	82	0.95
10	*****	46	20.23	83	0.64
11	1.63	47	2.30	84	1.11
12	1.53	48	1.95	85	*****
13	6.50	49	*****	86	0.74
14	3.74	50	1.11	87	*****
15	*****	51	*****	88	3.75
16	10.31	52	0.71	89	0.46
17	*****	53	2.39	90	*****
18	*****	54	*****	91	*****
19	2.03	55	*****	92	*****
20	4.16	56	0.20	93	0.77
21	9.08	57	*****	94	*****
22	0.88	58	2.06	95	*****
23	*****	59	1.58	96	*****
24	11.04	60	*****	97	*****
25	*****	61	3.74	98	*****
26	6.50	62	0.68	99	0.18
27	5.32	63	*****	100	0.14
28	2.72	64	9.96	101	0.46
29	1.77	65	*****	102	*****
30	1.58	66	*****	103	*****
31	3.07	67	*****	104	*****
32	2.23	68	4.59	105	0.20
33	4.56	69	0.25	106	0.18
34	6.62	70	0.77	107	0.16
35	*****	71	*****	108	*****
36	*****	72	*****	109	0.82
		73	*****		

TOTAL CONCENTRATION 198.67

SCOTT RESEARCH LABORATORIES, INC.
L.A. BASIN PROJECT CHROMATOGRAM DATA

HUNTINGTON PARK

DATE 10-29

TIME 0927 PST

PEAK	PPB	PEAK	PPB	PEAK	PPB
1	31.50	37	9.71	74	0.24
2	*****	38	1.21	75	*****
3	15.91	39	1.29	76	0.21
4	*****	40	1.19	77	0.14
5	*****	41	0.87	78	0.32
6	*****	42	1.08	79	0.33
7	*****	43	0.84	80	0.34
8	*****	44	0.75	81	2.88
9	*****	45	0.72	82	1.06
10	0.23	46	24.96	83	0.81
11	2.59	47	3.56	84	1.02
12	2.74	48	3.35	85	*****
13	9.64	49	*****	86	1.17
14	5.51	50	1.90	87	0.27
15	*****	51	*****	88	3.52
16	17.79	52	0.67	89	0.92
17	*****	53	4.78	90	*****
18	*****	54	*****	91	*****
19	*****	55	*****	92	*****
20	*****	56	0.36	93	1.09
21	7.82	57	0.59	94	0.22
22	0.79	58	2.60	95	*****
23	*****	59	3.98	96	*****
24	12.77	60	1.80	97	*****
25	*****	61	6.33	98	*****
26	8.99	62	1.61	99	0.23
27	6.94	63	*****	100	0.11
28	4.04	64	10.77	101	0.27
29	2.57	65	0.24	102	*****
30	2.42	66	*****	103	*****
31	4.93	67	*****	104	*****
32	2.28	68	5.26	105	*****
33	5.65	69	0.13	106	0.40
34	6.35	70	1.32	107	0.20
35	*****	71	*****	108	*****
36	*****	72	*****	109	0.76
		73	0.11		

TOTAL CONCENTRATION

260.23

SCOTT RESEARCH LABORATORIES, INC.
L.A. BASIN PROJECT CHROMATOGRAM DATA

HUNTINGTON PARK

DATE 10-29

TIME 0927 PST

PEAK	PPB	PEAK	PPB	PEAK	PPB
1	31.50	37	9.71	74	0.24
2	*****	38	1.21	75	*****
3	15.91	39	1.29	76	0.21
4	*****	40	1.19	77	0.14
5	*****	41	0.87	78	0.32
6	*****	42	1.08	79	0.33
7	*****	43	0.84	80	0.34
8	*****	44	0.75	81	2.88
9	*****	45	0.72	82	1.06
10	0.23	46	24.96	83	0.81
11	2.59	47	3.56	84	1.02
12	2.74	48	3.35	85	*****
13	9.64	49	*****	86	1.17
14	5.51	50	1.90	87	0.27
15	*****	51	*****	88	3.52
16	17.79	52	0.67	89	0.92
17	*****	53	4.78	90	*****
18	*****	54	*****	91	*****
19	*****	55	*****	92	*****
20	*****	56	0.36	93	1.09
21	7.82	57	0.59	94	0.22
22	0.79	58	2.60	95	*****
23	*****	59	3.98	96	*****
24	12.77	60	1.80	97	*****
25	*****	61	6.33	98	*****
26	8.99	62	1.61	99	0.23
27	6.94	63	*****	100	0.11
28	4.04	64	10.77	101	0.27
29	2.57	65	0.24	102	*****
30	2.42	66	*****	103	*****
31	4.93	67	*****	104	*****
32	2.28	68	5.26	105	*****
33	5.65	69	0.13	106	0.40
34	6.35	70	1.32	107	0.20
35	*****	71	*****	108	*****
36	*****	72	*****	109	0.76
		73	0.11		

TOTAL CONCENTRATION 260.23

SCOTT RESEARCH LABORATORIES, INC.
L.A. BASIN PROJECT CHROMATOGRAM DATA

HUNTINGTON PARK

DATE 10-29

TIME 1135 PST

PEAK	PPB	PEAK	PPB	PEAK	PPB
1	30.66	37	3.90	74	*****
2	*****	38	0.12	75	*****
3	17.01	39	0.43	76	*****
4	*****	40	1.08	77	*****
5	*****	41	*****	78	0.21
6	*****	42	*****	79	0.12
7	*****	43	0.20	80	0.24
8	*****	44	0.39	81	2.13
9	*****	45	*****	82	*****
10	*****	46	14.12	83	0.27
11	1.85	47	2.46	84	0.15
12	1.51	48	2.19	85	*****
13	7.70	49	*****	86	0.51
14	4.32	50	0.71	87	*****
15	*****	51	*****	88	1.49
16	8.94	52	0.44	89	0.41
17	*****	53	2.83	90	*****
18	*****	54	*****	91	*****
19	*****	55	*****	92	*****
20	*****	56	*****	93	0.33
21	9.78	57	*****	94	*****
22	0.29	58	2.34	95	*****
23	*****	59	0.65	96	*****
24	11.26	60	0.95	97	*****
25	*****	61	2.30	98	*****
26	7.52	62	*****	99	*****
27	4.31	63	*****	100	0.12
28	2.40	64	6.52	101	*****
29	1.18	65	*****	102	*****
30	0.93	66	*****	103	*****
31	2.01	67	*****	104	*****
32	1.47	68	2.93	105	*****
33	4.67	69	0.15	106	*****
34	3.12	70	0.64	107	0.22
35	*****	71	*****	108	*****
36	*****	72	*****	109	0.53
		73	*****		

TOTAL CONCENTRATION 173.24

SCOTT RESEARCH LABORATORIES, INC.
L.A. BASIN PROJECT CHROMATOGRAM DATA

HUNTINGTON PARK

DATE 10-29

TIME 1402 PST

PEAK	PPB	PEAK	PPB	PEAK	PPB
1	*****	37	0.82	74	*****
2	*****	38	*****	75	*****
3	4.18	39	0.13	76	*****
4	*****	40	0.37	77	*****
5	*****	41	*****	78	*****
6	*****	42	*****	79	0.18
7	*****	43	*****	80	*****
8	*****	44	*****	81	0.93
9	*****	45	0.35	82	*****
10	*****	46	4.95	83	*****
11	*****	47	0.31	84	0.10
12	0.23	48	0.27	85	*****
13	1.85	49	*****	86	*****
14	0.98	50	0.48	87	*****
15	*****	51	*****	88	0.74
16	1.14	52	*****	89	0.35
17	*****	53	0.42	90	*****
18	*****	54	*****	91	*****
19	*****	55	*****	92	*****
20	*****	56	*****	93	*****
21	2.05	57	*****	94	0.17
22	*****	58	*****	95	*****
23	*****	59	*****	96	*****
24	4.74	60	*****	97	*****
25	*****	61	2.11	98	*****
26	2.09	62	0.70	99	*****
27	1.20	63	0.33	100	*****
28	0.42	64	1.59	101	0.09
29	*****	65	*****	102	*****
30	*****	66	*****	103	*****
31	*****	67	*****	104	*****
32	0.86	68	1.19	105	*****
33	3.95	69	0.10	106	*****
34	1.63	70	0.27	107	*****
35	*****	71	*****	108	*****
36	*****	72	*****	109	0.55
		73	*****		

TOTAL CONCENTRATION

43.02

SCOTT RESEARCH LABORATORIES, INC.
L.A. BASIN PROJECT CHROMATOGRAM DATA

HUNTINGTON PARK

DATE 10-30

TIME 0630 PST

PEAK	PPR	PEAK	PPB	PEAK	PPB
1	15.32	37	1.04	74	0.15
2	*****	38	*****	75	*****
3	6.70	39	*****	76	*****
4	*****	40	1.18	77	*****
5	*****	41	*****	78	*****
6	0.36	42	*****	79	*****
7	*****	43	*****	80	*****
8	*****	44	0.63	81	1.46
9	*****	45	0.49	82	*****
10	*****	46	7.92	83	*****
11	1.10	47	1.71	84	0.44
12	1.82	48	1.34	85	*****
13	4.48	49	*****	86	*****
14	1.59	50	1.49	87	*****
15	*****	51	*****	88	1.87
16	3.23	52	0.68	89	0.17
17	*****	53	0.76	90	*****
18	*****	54	*****	91	*****
19	*****	55	*****	92	*****
20	*****	56	0.30	93	0.35
21	2.60	57	*****	94	*****
22	*****	58	1.83	95	*****
23	*****	59	0.14	96	*****
24	11.04	60	*****	97	*****
25	*****	61	1.87	98	0.72
26	1.55	62	0.54	99	*****
27	1.91	63	1.77	100	*****
28	1.87	64	7.16	101	*****
29	*****	65	*****	102	*****
30	*****	66	*****	103	*****
31	*****	67	0.15	104	*****
32	1.29	68	0.40	105	*****
33	6.00	69	*****	106	0.12
34	0.87	70	*****	107	*****
35	*****	71	*****	108	*****
36	*****	72	*****	109	0.70
		73	*****		

TOTAL CONCENTRATION 99.31

SCOTT RESEARCH LABORATORIES, INC.
L.A. BASIN PROJECT CHROMATOGRAM DATA

HUNTINGTON PARK

DATE 10-30

TIME 0847 PST

PEAK	PPB	PEAK	PPB	PEAK	PPB
1	9.03	37	2.11	74	*****
2	*****	38	*****	75	*****
3	3.74	39	0.17	76	*****
4	*****	40	0.74	77	*****
5	*****	41	*****	78	*****
6	*****	42	*****	79	*****
7	*****	43	*****	80	*****
8	*****	44	0.49	81	1.26
9	*****	45	0.34	82	0.37
10	*****	46	8.11	83	*****
11	*****	47	1.44	84	0.41
12	0.30	48	0.71	85	*****
13	5.03	49	*****	86	0.19
14	1.15	50	0.66	87	*****
15	*****	51	*****	88	1.76
16	1.68	52	*****	89	0.10
17	*****	53	1.40	90	*****
18	*****	54	*****	91	*****
19	*****	55	*****	92	*****
20	*****	56	*****	93	0.44
21	1.71	57	*****	94	*****
22	*****	58	3.10	95	*****
23	*****	59	1.73	96	*****
24	5.96	60	3.52	97	*****
25	*****	61	4.25	98	*****
26	1.11	62	1.06	99	*****
27	2.06	63	0.66	100	0.09
28	0.98	64	12.05	101	0.14
29	0.14	65	2.76	102	*****
30	0.23	66	7.22	103	*****
31	8.75	67	1.43	104	*****
32	*****	68	2.95	105	*****
33	6.36	69	*****	106	*****
34	0.79	70	0.18	107	0.18
35	*****	71	*****	108	*****
36	*****	72	*****	109	*****
		73	*****		

TOTAL CONCENTRATION

111.26

SCOTT RESEARCH LABORATORIES, INC.
L.A. BASIN PROJECT CHROMATOGRAM DATA

HUNTINGTON PARK

DATE 10-30

TIME 1000 PST

PEAK	PPR	PEAK	PPB	PEAK	PPB
1	7.76	37	2.84	74	*****
2	*****	38	*****	75	*****
3	3.51	39	*****	76	*****
4	*****	40	0.43	77	*****
5	*****	41	*****	78	*****
6	*****	42	*****	79	*****
7	*****	43	*****	80	*****
8	*****	44	0.25	81	1.02
9	*****	45	0.13	82	*****
10	*****	46	7.39	83	*****
11	0.20	47	1.21	84	*****
12	0.38	48	0.89	85	0.21
13	1.52	49	*****	86	*****
14	1.58	50	0.61	87	*****
15	1.05	51	*****	88	1.01
16	*****	52	*****	89	0.11
17	*****	53	1.72	90	*****
18	*****	54	*****	91	*****
19	*****	55	*****	92	*****
20	*****	56	*****	93	0.23
21	3.12	57	*****	94	*****
22	0.46	58	2.04	95	*****
23	*****	59	*****	96	*****
24	*****	60	*****	97	*****
25	*****	61	*****	98	*****
26	8.67	62	1.85	99	*****
27	1.13	63	0.75	100	*****
28	0.64	64	4.36	101	*****
29	*****	65	*****	102	*****
30	*****	66	*****	103	*****
31	*****	67	*****	104	*****
32	0.27	68	0.20	105	*****
33	0.41	69	*****	106	*****
34	4.18	70	*****	107	*****
35	*****	71	0.11	108	*****
36	0.92	72	*****	109	*****
		73	*****		

TOTAL CONCENTRATION

63.26

SCOTT RESEARCH LABORATORIES, INC.
L.A. BASIN PROJECT CHROMATOGRAM DATA

HUNTINGTON PARK

DATE 10-30

TIME 1120 PST

PEAK	PPB	PEAK	PPB	PEAK	PPB
1	4.09	37	0.39	74	*****
2	*****	38	*****	75	*****
3	1.37	39	0.18	76	*****
4	*****	40	*****	77	*****
5	*****	41	0.86	78	*****
6	*****	42	*****	79	*****
7	0.17	43	*****	80	*****
8	*****	44	0.20	81	0.40
9	*****	45	0.21	82	*****
10	*****	46	6.12	83	*****
11	*****	47	0.77	84	*****
12	*****	48	0.63	85	*****
13	0.52	49	*****	86	*****
14	0.31	50	0.46	87	*****
15	*****	51	*****	88	0.33
16	1.13	52	*****	89	*****
17	*****	53	1.69	90	*****
18	*****	54	*****	91	*****
19	*****	55	*****	92	*****
20	*****	56	*****	93	*****
21	0.42	57	*****	94	*****
22	*****	58	*****	95	*****
23	*****	59	*****	96	*****
24	5.41	60	*****	97	*****
25	*****	61	1.54	98	*****
26	*****	62	*****	99	*****
27	0.72	63	*****	100	*****
28	*****	64	2.26	101	*****
29	*****	65	*****	102	*****
30	*****	66	*****	103	*****
31	*****	67	*****	104	*****
32	0.46	68	0.32	105	*****
33	5.89	69	0.19	106	*****
34	*****	70	*****	107	*****
35	*****	71	*****	108	*****
36	*****	72	*****	109	*****
		73	*****		

TOTAL CONCENTRATION 37.13

SCOTT RESEARCH LABORATORIES, INC.
L.A. BASIN PROJECT CHROMATOGRAM DATA

HUNTINGTON PARK

DATE 10-31

TIME 0616 PST

PEAK	PPB	PEAK	PPB	PEAK	PPB
1	42.06	37	6.63	74	0.24
2	*****	38	0.63	75	*****
3	22.95	39	0.90	76	0.10
4	0.56	40	1.41	77	0.33
5	*****	41	1.27	78	0.20
6	1.55	42	0.63	79	0.21
7	*****	43	0.81	80	0.62
8	*****	44	1.32	81	4.28
9	*****	45	1.39	82	1.89
10	*****	46	30.25	83	1.03
11	2.65	47	3.98	84	2.61
12	2.69	48	3.92	85	*****
13	12.86	49	*****	86	2.31
14	7.90	50	1.82	87	*****
15	*****	51	0.11	88	7.43
16	23.58	52	0.90	89	1.25
17	1.30	53	3.50	90	*****
18	*****	54	*****	91	*****
19	*****	55	*****	92	*****
20	*****	56	0.25	93	1.32
21	11.40	57	*****	94	*****
22	1.26	58	1.99	95	*****
23	*****	59	2.67	96	*****
24	13.28	60	*****	97	*****
25	3.73	61	3.98	98	0.10
26	8.39	62	*****	99	0.38
27	9.07	63	*****	100	0.21
28	5.09	64	19.54	101	0.55
29	2.17	65	0.42	102	*****
30	1.89	66	0.22	103	*****
31	3.38	67	1.99	104	*****
32	4.35	68	6.88	105	0.61
33	6.05	69	0.27	106	1.60
34	9.72	70	0.86	107	0.79
35	*****	71	*****	108	*****
36	*****	72	*****	109	0.38
		73	*****		

TOTAL CONCENTRATION 325.23

SCOTT RESEARCH LABORATORIES, INC.
L.A. BASIN PROJECT CHROMATOGRAM DATA

HUNTINGTON PARK

DATE 10-31

TIME 0740 PST

PEAK	PPB	PEAK	PPB	PEAK	PPB
1	33.89	37	7.03	74	0.23
2	*****	38	0.90	75	*****
3	14.77	39	1.05	76	0.22
4	*****	40	2.82	77	0.18
5	*****	41	*****	78	0.37
6	1.62	42	0.76	79	0.36
7	*****	43	0.53	80	0.52
8	*****	44	0.95	81	4.26
9	*****	45	1.00	82	1.84
10	0.67	46	27.03	83	1.11
11	3.20	47	3.74	84	2.57
12	3.75	48	3.35	85	*****
13	8.91	49	*****	86	2.77
14	6.31	50	1.42	87	0.67
15	*****	51	*****	88	7.30
16	12.42	52	0.54	89	1.41
17	*****	53	3.60	90	*****
18	*****	54	*****	91	*****
19	4.03	55	*****	92	*****
20	2.19	56	0.19	93	1.33
21	21.43	57	*****	94	0.16
22	3.79	58	2.24	95	0.42
23	*****	59	2.31	96	*****
24	8.74	60	0.17	97	*****
25	*****	61	5.67	98	*****
26	13.43	62	0.63	99	0.38
27	9.18	63	*****	100	0.24
28	4.43	64	17.70	101	0.52
29	3.05	65	0.38	102	*****
30	2.63	66	*****	103	*****
31	5.30	67	*****	104	*****
32	2.97	68	7.43	105	*****
33	5.40	69	0.38	106	0.75
34	4.91	70	1.35	107	0.55
35	*****	71	*****	108	*****
36	*****	72	*****	109	0.54
		73	*****		

TOTAL CONCENTRATION 299.26

SCOTT RESEARCH LABORATORIES, INC.
L.A. BASIN PROJECT CHROMATOGRAM DATA

HUNTINGTON PARK

DATE 10-31

TIME 0917 PST

PEAK	PPR	PEAK	PPB	PEAK	PPB
1	15.48	37	0.77	74	*****
2	*****	38	*****	75	*****
3	6.68	39	*****	76	*****
4	*****	40	1.41	77	*****
5	*****	41	*****	78	*****
6	*****	42	*****	79	*****
7	*****	43	*****	80	*****
8	*****	44	0.20	81	1.44
9	*****	45	0.17	82	*****
10	*****	46	6.85	83	*****
11	0.36	47	0.73	84	0.19
12	0.64	48	0.48	85	*****
13	2.89	49	*****	86	0.11
14	1.85	50	0.44	87	*****
15	*****	51	*****	88	1.51
16	2.18	52	*****	89	0.13
17	*****	53	0.89	90	*****
18	*****	54	*****	91	*****
19	*****	55	*****	92	*****
20	0.27	56	*****	93	0.27
21	2.30	57	*****	94	*****
22	0.32	58	1.47	95	*****
23	*****	59	2.63	96	*****
24	*****	60	0.91	97	*****
25	*****	61	4.99	98	*****
26	6.95	62	*****	99	*****
27	1.81	63	*****	100	*****
28	0.81	64	4.19	101	0.10
29	*****	65	*****	102	*****
30	*****	66	*****	103	*****
31	*****	67	*****	104	*****
32	0.76	68	1.67	105	*****
33	3.66	69	*****	106	*****
34	0.40	70	0.15	107	0.13
35	*****	71	*****	108	*****
36	*****	72	*****	109	*****
		73	*****		

TOTAL CONCENTRATION

79.38

SCOTT RESEARCH LABORATORIES, INC.
L.A. BASIN PROJECT CHROMATOGRAM DATA

HUNTINGTON PARK

DATE 10-31

TIME 1115 PST

PEAK	PPB	PEAK	PPB	PEAK	PPB
1	6.00	37	0.46	74	*****
2	*****	38	*****	75	*****
3	2.78	39	*****	76	*****
4	*****	40	0.45	77	*****
5	*****	41	*****	78	*****
6	*****	42	*****	79	*****
7	*****	43	*****	80	*****
8	*****	44	0.15	81	0.40
9	*****	45	0.18	82	*****
10	*****	46	3.30	83	*****
11	*****	47	0.11	84	*****
12	0.22	48	0.24	85	*****
13	1.56	49	*****	86	*****
14	0.48	50	0.49	87	*****
15	*****	51	*****	88	0.42
16	1.88	52	0.64	89	0.85
17	*****	53	0.62	90	*****
18	*****	54	*****	91	*****
19	*****	55	*****	92	*****
20	*****	56	*****	93	*****
21	0.97	57	*****	94	*****
22	0.15	58	*****	95	*****
23	*****	59	*****	96	*****
24	*****	60	*****	97	*****
25	*****	61	0.54	98	*****
26	8.88	62	*****	99	*****
27	0.46	63	*****	100	*****
28	*****	64	1.62	101	*****
29	*****	65	*****	102	*****
30	*****	66	*****	103	*****
31	*****	67	*****	104	*****
32	0.21	68	0.59	105	*****
33	3.26	69	0.49	106	*****
34	0.29	70	0.15	107	*****
35	*****	71	*****	108	*****
36	*****	72	*****	109	*****
		73	*****		

TOTAL CONCENTRATION

38.96

SCOTT RESEARCH LABORATORIES, INC.
L.A. BASIN PROJECT CHROMATOGRAM DATA

HUNTINGTON PARK

DATE 11-01

TIME 0625 PST

PEAK	PPB	PEAK	PPB	PEAK	PPB
1	47.04	37	4.21	74	0.22
2	*****	38	*****	75	*****
3	23.41	39	0.45	76	*****
4	0.62	40	1.97	77	0.19
5	*****	41	*****	78	0.21
6	1.27	42	0.32	79	0.19
7	*****	43	0.35	80	0.63
8	*****	44	0.92	81	4.00
9	*****	45	1.00	82	1.72
10	*****	46	23.21	83	0.78
11	2.48	47	4.46	84	2.11
12	2.19	48	3.07	85	*****
13	12.19	49	*****	86	1.67
14	7.68	50	1.73	87	*****
15	*****	51	*****	88	6.56
16	8.34	52	1.61	89	1.22
17	*****	53	2.14	90	0.87
18	*****	54	*****	91	*****
19	*****	55	*****	92	*****
20	*****	56	0.34	93	1.17
21	9.51	57	*****	94	*****
22	1.31	58	4.24	95	*****
23	*****	59	4.51	96	*****
24	*****	60	1.82	97	*****
25	2.55	61	3.72	98	0.32
26	9.29	62	*****	99	0.40
27	6.57	63	*****	100	0.23
28	3.65	64	17.09	101	0.52
29	1.62	65	0.29	102	*****
30	1.25	66	0.12	103	*****
31	2.05	67	1.48	104	*****
32	3.21	68	5.94	105	*****
33	3.76	69	1.43	106	0.71
34	6.49	70	0.70	107	0.48
35	*****	71	*****	108	0.91
36	*****	72	*****	109	*****
		73	*****		

TOTAL CONCENTRATION 269.02

SCOTT RESEARCH LABORATORIES, INC.
L.A. BASIN PROJECT CHROMATOGRAM DATA

HUNTINGTON PARK

DATE 11-01

TIME 0735 PST

PEAK	PPB	PEAK	PPB	PEAK	PPB
1	51.05	37	2.60	74	0.18
2	*****	38	*****	75	*****
3	22.14	39	0.44	76	*****
4	0.80	40	2.09	77	*****
5	*****	41	*****	78	0.14
6	1.85	42	*****	79	0.12
7	*****	43	0.15	80	0.64
8	*****	44	1.18	81	3.85
9	*****	45	1.25	82	1.78
10	*****	46	22.11	83	0.68
11	2.51	47	3.07	84	2.32
12	2.51	48	2.44	85	*****
13	10.19	49	*****	86	2.94
14	6.29	50	1.38	87	*****
15	0.16	51	*****	88	5.94
16	7.91	52	0.67	89	1.23
17	*****	53	1.87	90	*****
18	*****	54	*****	91	*****
19	0.33	55	*****	92	*****
20	*****	56	*****	93	1.04
21	7.61	57	*****	94	*****
22	1.96	58	3.73	95	*****
23	*****	59	0.14	96	*****
24	7.45	60	*****	97	*****
25	0.17	61	4.83	98	*****
26	9.78	62	*****	99	0.23
27	5.97	63	*****	100	0.22
28	3.00	64	16.13	101	0.39
29	0.93	65	0.15	102	*****
30	0.45	66	*****	103	*****
31	*****	67	0.96	104	*****
32	4.06	68	5.80	105	*****
33	3.37	69	0.55	106	0.74
34	3.02	70	0.51	107	0.44
35	*****	71	*****	108	*****
36	*****	72	*****	109	*****
		73	*****		

TOTAL CONCENTRATION 248.72

SCOTT RESEARCH LABORATORIES, INC.
 L.A. BASIN PROJECT CHROMATOGRAM DATA

HUNTINGTON PARK

DATE 11-01

TIME 0950 PST

PEAK	PPB	PEAK	PPB	PEAK	PPB
1	13.81	37	1.04	74	*****
2	*****	38	*****	75	*****
3	7.03	39	*****	76	*****
4	*****	40	0.80	77	*****
5	*****	41	*****	78	0.10
6	*****	42	0.24	79	0.21
7	*****	43	0.16	80	0.15
8	*****	44	0.40	81	2.06
9	*****	45	0.15	82	*****
10	*****	46	8.91	83	*****
11	0.89	47	1.35	84	0.78
12	1.25	48	1.20	85	0.17
13	3.65	49	*****	86	*****
14	1.66	50	0.79	87	*****
15	*****	51	*****	88	1.55
16	2.85	52	0.67	89	2.58
17	*****	53	1.07	90	*****
18	*****	54	*****	91	*****
19	*****	55	*****	92	*****
20	*****	56	*****	93	0.34
21	2.88	57	*****	94	*****
22	0.54	58	3.46	95	*****
23	*****	59	*****	96	*****
24	*****	60	*****	97	*****
25	*****	61	0.85	98	*****
26	10.37	62	*****	99	*****
27	1.55	63	*****	100	*****
28	0.92	64	5.71	101	0.14
29	*****	65	*****	102	*****
30	*****	66	*****	103	*****
31	*****	67	*****	104	*****
32	0.96	68	2.31	105	*****
33	2.72	69	0.18	106	*****
34	1.55	70	0.32	107	0.26
35	*****	71	*****	108	*****
36	*****	72	*****	109	*****
		73	*****		

TOTAL CONCENTRATION 90.77

SCOTT RESEARCH LABORATORIES, INC.
L.A. BASIN PROJECT CHROMATOGRAM DATA

HUNTINGTON PARK

DATE 11-01

TIME 1103 PST

PEAK	PPB	PEAK	PPB	PEAK	PPB
1	8.66	37	0.20	74	*****
2	*****	38	*****	75	*****
3	3.97	39	*****	76	*****
4	*****	40	*****	77	*****
5	*****	41	0.24	78	*****
6	*****	42	*****	79	*****
7	*****	43	*****	80	*****
8	*****	44	0.19	81	0.50
9	*****	45	0.19	82	*****
10	*****	46	3.60	83	*****
11	*****	47	0.18	84	*****
12	*****	48	*****	85	*****
13	1.27	49	*****	86	*****
14	0.59	50	0.45	87	*****
15	*****	51	*****	88	0.26
16	1.43	52	0.45	89	2.16
17	*****	53	*****	90	*****
18	*****	54	*****	91	*****
19	*****	55	*****	92	*****
20	*****	56	*****	93	*****
21	0.52	57	*****	94	*****
22	*****	58	*****	95	*****
23	*****	59	*****	96	*****
24	7.24	60	*****	97	*****
25	*****	61	0.36	98	*****
26	0.58	62	*****	99	*****
27	0.60	63	*****	100	*****
28	0.18	64	1.73	101	*****
29	*****	65	*****	102	*****
30	*****	66	*****	103	*****
31	*****	67	*****	104	*****
32	0.23	68	0.61	105	*****
33	2.71	69	0.22	106	*****
34	0.23	70	0.11	107	*****
35	*****	71	*****	108	*****
36	*****	72	*****	109	*****
		73	*****		

TOTAL CONCENTRATION 39.77

SCOTT RESEARCH LABORATORIES, INC.
L.A. BASIN PROJECT CHROMATOGRAM DATA

HUNTINGTON PARK

DATE 11-04

TIME 0840 PST

PEAK	PPB	PEAK	PPB	PEAK	PPB
1	11.30	37	0.74	74	*****
2	*****	38	*****	75	*****
3	4.74	39	*****	76	*****
4	*****	40	*****	77	*****
5	*****	41	0.86	78	*****
6	*****	42	*****	79	*****
7	*****	43	*****	80	0.18
8	*****	44	0.52	81	1.31
9	*****	45	0.36	82	0.43
10	*****	46	7.47	83	*****
11	1.30	47	1.22	84	0.63
12	1.91	48	0.64	85	*****
13	4.50	49	0.75	86	0.23
14	1.50	50	*****	87	*****
15	*****	51	*****	88	1.23
16	2.87	52	0.34	89	0.91
17	*****	53	0.84	90	*****
18	*****	54	*****	91	*****
19	*****	55	*****	92	*****
20	*****	56	*****	93	0.26
21	2.57	57	*****	94	*****
22	*****	58	*****	95	*****
23	*****	59	*****	96	*****
24	5.00	60	*****	97	*****
25	*****	61	2.22	98	*****
26	1.82	62	*****	99	*****
27	1.76	63	*****	100	*****
28	*****	64	6.03	101	*****
29	0.76	65	1.81	102	*****
30	*****	66	*****	103	*****
31	*****	67	0.87	104	*****
32	1.63	68	*****	105	*****
33	4.28	69	*****	106	*****
34	1.46	70	*****	107	0.22
35	*****	71	*****	108	*****
36	*****	72	*****	109	*****
		73	*****		

TOTAL CONCENTRATION 77.60

SCOTT RESEARCH LABORATORIES, INC.
L.A. BASIN PROJECT CHROMATOGRAM DATA

HUNTINGTON PARK

DATE 11-04

TIME 1002 PST

PEAK	PPB	PEAK	PPB	PEAK	PPB
1	*****	37	1.16	74	*****
2	*****	38	*****	75	*****
3	7.16	39	*****	76	*****
4	*****	40	0.75	77	*****
5	*****	41	*****	78	0.26
6	*****	42	*****	79	*****
7	*****	43	*****	80	1.36
8	*****	44	0.38	81	0.73
9	*****	45	0.21	82	0.25
10	*****	46	6.88	83	0.68
11	0.99	47	1.06	84	*****
12	0.73	48	0.75	85	*****
13	2.85	49	0.77	86	*****
14	1.90	50	*****	87	0.13
15	*****	51	*****	88	1.19
16	2.81	52	0.30	89	1.51
17	*****	53	0.84	90	*****
18	*****	54	*****	91	*****
19	2.47	55	*****	92	0.21
20	*****	56	*****	93	*****
21	*****	57	*****	94	*****
22	*****	58	3.58	95	*****
23	0.44	59	*****	96	*****
24	4.40	60	1.96	97	*****
25	*****	61	*****	98	*****
26	2.54	62	*****	99	*****
27	1.96	63	5.35	100	0.09
28	0.84	64	*****	101	*****
29	*****	65	*****	102	*****
30	*****	66	*****	103	*****
31	*****	67	0.78	104	*****
32	1.22	68	*****	105	*****
33	2.56	69	*****	106	*****
34	1.30	70	*****	107	0.11
35	*****	71	*****	108	0.48
36	*****	72	0.31	109	*****
		73	*****		

TOTAL CONCENTRATION 66.36

SCOTT RESEARCH LABORATORIES, INC.
L.A. BASIN PROJECT CHROMATOGRAM DATA

HUNTINGTON PARK

DATE 11-04

TIME 1140 PST

PEAK	PPB	PEAK	PPB	PEAK	PPB
1	6.23	37	0.37	74	*****
2	*****	38	*****	75	*****
3	2.84	39	*****	76	*****
4	*****	40	0.40	77	*****
5	*****	41	*****	78	*****
6	*****	42	*****	79	*****
7	*****	43	*****	80	*****
8	*****	44	0.24	81	0.74
9	*****	45	0.27	82	*****
10	*****	46	4.67	83	*****
11	*****	47	0.52	84	*****
12	*****	48	0.36	85	*****
13	1.24	49	0.63	86	*****
14	0.53	50	*****	87	*****
15	*****	51	*****	88	0.31
16	2.52	52	0.87	89	2.07
17	*****	53	0.60	90	*****
18	0.43	54	*****	91	*****
19	*****	55	*****	92	*****
20	*****	56	0.10	93	*****
21	0.85	57	*****	94	*****
22	*****	58	5.81	95	*****
23	*****	59	*****	96	*****
24	6.55	60	*****	97	*****
25	*****	61	1.00	98	*****
26	0.51	62	*****	99	*****
27	0.70	63	*****	100	*****
28	0.20	64	1.21	101	*****
29	*****	65	*****	102	*****
30	*****	66	*****	103	*****
31	*****	67	0.44	104	*****
32	0.42	68	0.64	105	*****
33	1.54	69	*****	106	*****
34	0.78	70	*****	107	*****
35	*****	71	*****	108	*****
36	*****	72	*****	109	*****
		73	*****		

TOTAL CONCENTRATION

46.75

SCOTT RESEARCH LABORATORIES, INC.
L.A. BASIN PROJECT CHROMATOGRAM DATA

HUNTINGTON PARK

DATE 11-05

TIME 0635 PST

PEAK	PPB	PEAK	PPB	PEAK	PPB
1	87.11	37	11.06	74	1.23
2	1.96	38	0.96	75	*****
3	47.54	39	1.62	76	0.58
4	7.31	40	2.55	77	0.56
5	1.96	41	3.83	78	0.84
6	9.72	42	1.95	79	0.70
7	*****	43	1.24	80	2.46
8	*****	44	3.67	81	13.02
9	*****	45	4.68	82	6.39
10	0.39	46	75.12	83	2.43
11	5.18	47	10.35	84	7.48
12	6.86	48	9.19	85	1.20
13	28.05	49	*****	86	5.41
14	17.35	50	3.42	87	0.63
15	1.24	51	1.34	88	23.57
16	29.55	52	1.83	89	3.13
17	2.50	53	7.72	90	0.77
18	5.03	54	1.02	91	*****
19	*****	55	*****	92	0.46
20	*****	56	0.61	93	4.17
21	23.60	57	1.24	94	0.63
22	7.38	58	4.45	95	2.47
23	2.58	59	5.10	96	*****
24	*****	60	0.40	97	*****
25	3.06	61	13.84	98	0.56
26	34.73	62	*****	99	1.65
27	17.26	63	*****	100	1.27
28	9.78	64	57.90	101	2.25
29	4.02	65	2.01	102	*****
30	3.22	66	0.26	103	0.33
31	4.26	67	3.45	104	*****
32	11.34	68	19.58	105	1.55
33	5.23	69	0.40	106	1.90
34	14.97	70	2.11	107	3.66
35	*****	71	*****	108	0.15
36	*****	72	*****	109	1.47
		73	0.27		

TOTAL CONCENTRATION 739.64

SCOTT RESEARCH LABORATORIES, INC.
L.A. BASIN PROJECT CHROMATOGRAM DATA

HUNTINGTON PARK

DATE 11-05

TIME 0745 PST

PEAK	PPB	PEAK	PPB	PEAK	PPB
1	67.28	37	10.05	74	0.80
2	2.13	38	1.96	75	*****
3	37.84	39	1.27	76	0.47
4	0.55	40	4.64	77	0.42
5	*****	41	*****	78	0.68
6	1.65	42	1.52	79	0.74
7	*****	43	0.98	80	1.73
8	*****	44	1.43	81	8.20
9	*****	45	1.74	82	3.58
10	0.20	46	42.09	83	1.63
11	4.01	47	3.29	84	4.08
12	5.06	48	3.22	85	0.40
13	20.83	49	*****	86	2.39
14	13.40	50	0.66	87	0.28
15	0.18	51	*****	88	13.80
16	27.35	52	0.77	89	4.91
17	*****	53	6.95	90	*****
18	1.80	54	*****	91	*****
19	*****	55	*****	92	*****
20	*****	56	0.40	93	0.13
21	22.20	57	*****	94	2.24
22	4.68	58	1.75	95	*****
23	0.23	59	0.47	96	*****
24	*****	60	0.22	97	*****
25	18.03	61	9.99	98	*****
26	19.33	62	*****	99	*****
27	16.51	63	*****	100	*****
28	7.86	64	37.73	101	0.17
29	4.15	65	1.22	102	*****
30	3.46	66	0.13	103	0.71
31	5.68	67	2.53	104	0.54
32	7.21	68	12.87	105	1.11
33	3.30	69	0.24	106	*****
34	9.29	70	1.77	107	*****
35	*****	71	*****	108	*****
36	*****	72	*****	109	*****
		73	0.18		

TOTAL CONCENTRATION 503.59

SCOTT RESEARCH LABORATORIES, INC.
L.A. BASIN PROJECT CHROMATOGRAM DATA

HUNTINGTON PARK

DATE 11-06

TIME 0630 PST

PEAK	PPB	PEAK	PPB	PEAK	PPB
1	96.70	37	6.21	74	0.80
2	*****	38	0.35	75	*****
3	40.14	39	1.19	76	0.33
4	1.01	40	2.59	77	0.31
5	*****	41	2.53	78	0.45
6	2.82	42	1.04	79	0.16
7	*****	43	0.55	80	1.51
8	*****	44	3.16	81	8.03
9	*****	45	5.03	82	4.09
10	0.24	46	51.62	83	1.97
11	4.51	47	6.56	84	4.70
12	9.26	48	5.55	85	1.03
13	23.55	49	*****	86	3.43
14	13.54	50	2.86	87	0.36
15	0.93	51	0.73	88	13.72
16	17.68	52	1.74	89	3.50
17	1.97	53	4.85	90	*****
18	*****	54	0.30	91	*****
19	*****	55	*****	92	0.50
20	*****	56	0.41	93	2.75
21	17.73	57	0.48	94	0.57
22	3.59	58	3.81	95	0.26
23	*****	59	3.00	96	*****
24	*****	60	*****	97	*****
25	3.46	61	8.60	98	0.35
26	5.71	62	0.44	99	0.84
27	13.56	63	*****	100	0.60
28	6.83	64	38.84	101	1.42
29	2.39	65	1.66	102	0.12
30	1.73	66	*****	103	*****
31	*****	67	1.80	104	*****
32	11.50	68	13.01	105	*****
33	1.90	69	*****	106	1.91
34	9.00	70	0.51	107	1.96
35	*****	71	1.48	108	0.73
36	*****	72	*****	109	*****
		73	0.39		

TOTAL CONCENTRATION 516.80

SCOTT RESEARCH LABORATORIES, INC.
L.A. BASIN PROJECT CHROMATOGRAM DATA

HUNTINGTON PARK

DATE 11-06

TIME 0732 PST

PEAK	PPB	PEAK	PPB	PEAK	PPB
1	51.35	37	7.84	74	0.40
2	*****	38	0.86	75	*****
3	25.64	39	0.94	76	0.32
4	*****	40	3.16	77	0.21
5	*****	41	*****	78	0.49
6	0.91	42	0.97	79	0.40
7	*****	43	0.63	80	0.90
8	*****	44	1.24	81	5.87
9	*****	45	1.34	82	2.58
10	0.48	46	39.87	83	1.69
11	3.44	47	5.07	84	3.48
12	4.60	48	5.80	85	0.95
13	13.88	49	*****	86	3.30
14	9.10	50	1.40	87	1.88
15	*****	51	*****	88	10.75
16	15.97	52	0.45	89	5.24
17	*****	53	5.04	90	*****
18	1.68	54	*****	91	0.64
19	*****	55	*****	92	1.01
20	*****	56	0.26	93	2.95
21	15.75	57	0.48	94	0.99
22	1.81	58	4.30	95	*****
23	*****	59	*****	96	*****
24	12.14	60	*****	97	*****
25	5.17	61	5.92	98	0.23
26	15.16	62	*****	99	0.51
27	10.45	63	*****	100	0.36
28	6.12	64	26.54	101	0.79
29	3.50	65	1.39	102	*****
30	2.94	66	0.16	103	*****
31	5.17	67	*****	104	*****
32	4.98	68	10.77	105	1.26
33	3.76	69	*****	106	*****
34	11.74	70	*****	107	1.05
35	*****	71	1.52	108	*****
36	*****	72	*****	109	0.60
		73	0.23		

TOTAL CONCENTRATION 401.04

SCOTT RESEARCH LABORATORIES, INC.
L.A. BASIN PROJECT CHROMATOGRAM DATA

HUNTINGTON PARK

DATE 11-06

TIME 0850 PST

PEAK	PPB	PEAK	PPB	PEAK	PPB
1	29.54	37	4.39	74	0.21
2	*****	38	*****	75	*****
3	14.40	39	0.48	76	0.12
4	*****	40	1.74	77	0.13
5	*****	41	*****	78	0.25
6	*****	42	0.35	79	0.10
7	*****	43	0.20	80	0.51
8	*****	44	0.46	81	2.99
9	*****	45	0.53	82	1.29
10	*****	46	21.71	83	1.24
11	2.18	47	3.17	84	2.22
12	2.95	48	3.59	85	0.87
13	9.09	49	*****	86	2.59
14	4.51	50	1.11	87	*****
15	*****	51	*****	88	5.78
16	9.84	52	0.41	89	4.09
17	*****	53	5.39	90	*****
18	*****	54	*****	91	*****
19	*****	55	*****	92	*****
20	*****	56	*****	93	0.74
21	5.77	57	*****	94	*****
22	0.67	58	*****	95	*****
23	*****	59	*****	96	*****
24	10.90	60	*****	97	*****
25	*****	61	3.64	98	*****
26	6.16	62	*****	99	0.17
27	5.22	63	*****	100	*****
28	3.16	64	14.25	101	0.26
29	1.67	65	0.63	102	*****
30	1.45	66	*****	103	*****
31	2.32	67	*****	104	*****
32	2.79	68	5.67	105	*****
33	3.51	69	*****	106	0.38
34	4.15	70	0.73	107	0.21
35	*****	71	*****	108	*****
36	*****	72	*****	109	0.19
		73	*****		

TOTAL CONCENTRATION 213.34

SCOTT RESEARCH LABORATORIES, INC.
L.A. BASIN PROJECT CHROMATOGRAM DATA

HUNTINGTON PARK

DATE 11-07

TIME 0637 PST

PEAK	PPB	PEAK	PPB	PEAK	PPB
1	119.32	37	13.63	74	0.98
2	1.00	38	1.76	75	*****
3	61.18	39	1.84	76	0.83
4	3.97	40	2.29	77	0.56
5	*****	41	3.61	78	1.05
6	1.87	42	*****	79	1.01
7	*****	43	1.58	80	1.85
8	*****	44	2.77	81	9.73
9	*****	45	3.16	82	4.63
10	*****	46	7.20	83	2.47
11	5.21	47	8.81	84	5.36
12	8.06	48	9.13	85	1.37
13	32.37	49	*****	86	4.07
14	20.59	50	3.24	87	1.34
15	0.24	51	1.35	88	15.84
16	52.69	52	1.63	89	4.72
17	*****	53	8.13	90	*****
18	*****	54	*****	91	*****
19	*****	55	*****	92	0.27
20	1.40	56	0.52	93	2.86
21	27.22	57	0.81	94	0.95
22	7.07	58	3.51	95	1.87
23	1.90	59	2.48	96	*****
24	*****	60	*****	97	*****
25	6.63	61	10.85	98	0.50
26	43.95	62	0.58	99	1.01
27	19.49	63	*****	100	0.69
28	10.88	64	45.66	101	1.66
29	5.40	65	2.24	102	*****
30	4.53	66	0.25	103	0.12
31	6.93	67	3.11	104	0.13
32	11.80	68	15.56	105	0.94
33	3.67	69	*****	106	1.28
34	13.11	70	2.48	107	2.30
35	*****	71	*****	108	0.21
36	*****	72	*****	109	1.46
		73	0.54		

TOTAL CONCENTRATION 759.81

SCOTT RESEARCH LABORATORIES, INC.
L.A. BASIN PROJECT CHROMATOGRAM DATA

HUNTINGTON PARK

DATE 11-07

TIME 1439 PST

PEAK	PPB	PEAK	PPB	PEAK	PPB
1	31.69	37	4.01	74	*****
2	*****	38	*****	75	*****
3	16.27	39	0.41	76	0.23
4	*****	40	1.27	77	*****
5	*****	41	*****	78	0.14
6	*****	42	0.18	79	0.44
7	*****	43	0.40	80	0.29
8	*****	44	0.44	81	2.54
9	*****	45	0.62	82	0.88
10	*****	46	19.73	83	0.38
11	1.82	47	4.50	84	0.69
12	1.92	48	3.67	85	*****
13	9.41	49	*****	86	0.62
14	4.97	50	1.23	87	0.40
15	*****	51	*****	88	3.07
16	6.93	52	0.40	89	0.80
17	*****	53	2.88	90	*****
18	*****	54	*****	91	*****
19	*****	55	*****	92	*****
20	*****	56	*****	93	0.57
21	9.01	57	*****	94	*****
22	0.36	58	*****	95	*****
23	*****	59	0.53	96	*****
24	*****	60	*****	97	*****
25	12.73	61	2.75	98	*****
26	7.40	62	*****	99	0.18
27	4.34	63	*****	100	*****
28	2.43	64	11.65	101	0.23
29	1.38	65	0.61	102	*****
30	1.04	66	*****	103	*****
31	1.95	67	*****	104	*****
32	1.71	68	4.67	105	0.41
33	*****	69	*****	106	*****
34	4.60	70	0.85	107	0.25
35	*****	71	*****	108	*****
36	*****	72	*****	109	0.23
		73	0.38		

TOTAL CONCENTRATION 193.73

SCOTT RESEARCH LABORATORIES, INC.
L.A. BASIN PROJECT CHROMATOGRAM DATA

HUNTINGTON PARK

DATE 11-08

TIME 0807 PST

PEAK	PPB	PEAK	PPB	PEAK	PPB
1	108.92	37	42.63	74	2.75
2	*****	38	5.88	75	*****
3	53.81	39	6.27	76	3.50
4	0.58	40	3.50	77	2.69
5	*****	41	4.96	78	2.28
6	1.95	42	4.36	79	2.09
7	*****	43	4.26	80	4.61
8	*****	44	4.08	81	14.82
9	*****	45	4.85	82	7.36
10	0.37	46	155.62	83	3.60
11	5.67	47	12.96	84	8.60
12	9.07	48	12.56	85	3.42
13	36.09	49	0.61	86	7.04
14	20.64	50	3.43	87	1.89
15	0.89	51	*****	88	24.57
16	26.90	52	1.47	89	4.37
17	2.06	53	11.67	90	*****
18	4.84	54	0.31	91	*****
19	*****	55	0.82	92	0.35
20	*****	56	0.65	93	4.13
21	24.25	57	1.39	94	0.71
22	9.41	58	3.10	95	2.90
23	5.69	59	4.14	96	*****
24	*****	60	0.16	97	0.11
25	0.32	61	15.46	98	0.89
26	25.79	62	1.87	99	1.58
27	32.22	63	*****	100	1.33
28	20.87	64	68.84	101	2.26
29	14.66	65	6.65	102	*****
30	13.33	66	1.48	103	0.17
31	23.59	67	*****	104	0.39
32	12.77	68	28.38	105	1.87
33	3.67	69	*****	106	2.97
34	34.98	70	0.31	107	4.14
35	*****	71	4.54	108	0.22
36	8.62	72	0.56	109	1.69
		73	0.69		

TOTAL CONCENTRATION 1040.14

SCOTT RESEARCH LABORATORIES, INC.
L.A. BASIN PROJECT CHROMATOGRAM DATA

HUNTINGTON PARK

DATE 11-08

TIME 0956 PST

PEAK	PPB	PEAK	PPB	PEAK	PPB
1	34.12	37	4.23	74	1.14
2	*****	38	*****	75	*****
3	14.25	39	1.37	76	2.16
4	*****	40	1.37	77	1.77
5	*****	41	*****	78	1.56
6	*****	42	0.12	79	2.47
7	*****	43	0.45	80	0.83
8	*****	44	0.38	81	4.38
9	*****	45	0.45	82	1.66
10	*****	46	28.79	83	1.55
11	0.79	47	4.44	84	2.50
12	1.13	48	5.03	85	5.07
13	7.21	49	0.49	86	3.21
14	4.78	50	1.07	87	2.09
15	*****	51	*****	88	3.52
16	9.17	52	0.59	89	1.04
17	*****	53	3.82	90	*****
18	*****	54	*****	91	*****
19	*****	55	0.14	92	*****
20	*****	56	*****	93	0.53
21	6.38	57	*****	94	0.18
22	2.17	58	2.96	95	*****
23	*****	59	1.71	96	*****
24	*****	60	*****	97	*****
25	*****	61	3.82	98	*****
26	4.21	62	0.67	99	0.12
27	0.91	63	*****	100	*****
28	2.78	64	14.45	101	0.32
29	1.31	65	3.09	102	*****
30	1.04	66	1.10	103	*****
31	1.81	67	1.49	104	*****
32	1.79	68	4.41	105	0.45
33	2.69	69	*****	106	1.18
34	6.56	70	0.29	107	0.17
35	5.35	71	1.79	108	0.43
36	*****	72	0.76	109	*****
		73	0.47		

TOTAL CONCENTRATION 236.81

SCOTT RESEARCH LABORATORIES, INC.
L.A. BASIN PROJECT CHROMATOGRAM DATA

HUNTINGTON PARK

DATE 11-08

TIME 1258 PST

PEAK	PPB	PEAK	PPB	PEAK	PPB
1	10.13	37	*****	74	1.61
2	*****	38	*****	75	*****
3	4.11	39	0.69	76	1.62
4	*****	40	*****	77	1.77
5	*****	41	*****	78	3.08
6	*****	42	*****	79	4.79
7	*****	43	*****	80	1.89
8	*****	44	0.13	81	3.86
9	*****	45	*****	82	*****
10	*****	46	5.75	83	0.83
11	*****	47	0.95	84	0.90
12	0.29	48	0.76	85	6.50
13	1.63	49	0.33	86	1.13
14	0.91	50	*****	87	4.96
15	*****	51	*****	88	1.46
16	1.35	52	0.25	89	0.80
17	*****	53	0.35	90	0.57
18	*****	54	*****	91	*****
19	0.66	55	*****	92	*****
20	0.99	56	*****	93	0.28
21	2.72	57	*****	94	*****
22	2.10	58	1.93	95	0.63
23	*****	59	1.75	96	*****
24	*****	60	*****	97	*****
25	*****	61	0.56	98	*****
26	*****	62	*****	99	*****
27	0.42	63	*****	100	*****
28	0.28	64	3.14	101	0.74
29	*****	65	0.70	102	*****
30	*****	66	0.32	103	*****
31	0.17	67	0.61	104	*****
32	*****	68	0.58	105	*****
33	3.39	69	*****	106	0.49
34	1.75	70	0.11	107	*****
35	4.9?	71	0.57	108	*****
36	0.12	72	0.53	109	*****
		73	*****		

TOTAL CONCENTRATION 94.06

SCOTT RESEARCH LABORATORIES, INC.
L.A. BASIN PROJECT CHROMATOGRAM DATA

HUNTINGTON PARK

DATE 11-11

TIME 0802 PST

PEAK	PPB	PEAK	PPB	PEAK	PPB
1	80.04	37	9.96	74	1.14
2	1.52	38	0.98	75	*****
3	42.69	39	1.35	76	0.71
4	2.17	40	1.62	77	0.67
5	*****	41	2.36	78	1.11
6	0.88	42	1.96	79	1.19
7	*****	43	1.18	80	1.86
8	*****	44	*****	81	7.48
9	*****	45	2.20	82	3.79
10	*****	46	50.79	83	3.11
11	4.95	47	6.83	84	5.82
12	8.32	48	6.23	85	2.42
13	26.45	49	*****	86	5.51
14	12.77	50	3.04	87	6.75
15	*****	51	0.70	88	18.62
16	22.66	52	1.02	89	1.89
17	*****	53	5.91	90	*****
18	*****	54	*****	91	*****
19	*****	55	0.24	92	0.40
20	*****	56	0.41	93	1.21
21	17.19	57	0.53	94	3.85
22	2.64	58	1.27	95	6.82
23	0.54	59	1.88	96	3.34
24	23.64	60	*****	97	2.47
25	3.95	61	8.09	98	*****
26	13.92	62	0.67	99	3.85
27	14.38	63	*****	100	*****
28	7.92	64	33.86	101	0.69
29	4.32	65	3.10	102	0.93
30	3.63	66	0.13	103	4.23
31	5.68	67	1.91	104	*****
32	6.65	68	11.59	105	0.31
33	5.05	69	*****	106	*****
34	12.09	70	*****	107	*****
35	*****	71	*****	108	0.85
36	0.65	72	*****	109	*****
		73	0.52		

TOTAL CONCENTRATION 576.32

SCOTT RESEARCH LABORATORIES, INC.
L.A. BASIN PROJECT CHROMATOGRAM DATA

HUNTINGTON PARK

DATE 11-11

TIME 1150 PST

PEAK	PPB	PEAK	PPB	PEAK	PPB
1	58.15	37	7.99	74	0.28
2	*****	38	0.84	75	*****
3	28.26	39	1.01	76	0.45
4	*****	40	1.91	77	0.10
5	*****	41	*****	78	0.75
6	*****	42	0.33	79	0.64
7	*****	43	1.62	80	0.65
8	*****	44	0.77	81	3.69
9	*****	45	0.67	82	1.54
10	*****	46	36.44	83	2.10
11	3.19	47	4.79	84	0.29
12	3.77	48	5.12	85	0.68
13	15.92	49	*****	86	1.51
14	8.61	50	1.54	87	1.25
15	*****	51	0.20	88	4.59
16	14.15	52	1.10	89	2.15
17	*****	53	5.47	90	0.47
18	*****	54	*****	91	0.92
19	*****	55	0.86	92	0.41
20	*****	56	*****	93	*****
21	14.46	57	0.40	94	7.30
22	1.09	58	1.15	95	1.29
23	*****	59	2.38	96	1.94
24	*****	60	0.34	97	3.49
25	0.13	61	6.63	98	*****
26	7.03	62	0.49	99	1.12
27	8.15	63	*****	100	*****
28	4.73	64	15.05	101	3.54
29	3.01	65	0.50	102	0.21
30	2.60	66	0.64	103	*****
31	4.74	67	2.16	104	0.51
32	2.71	68	5.63	105	*****
33	1.20	69	0.19	106	1.31
34	8.26	70	1.66	107	2.63
35	*****	71	*****	108	1.19
36	*****	72	*****	109	*****
		73	0.26		

TOTAL CONCENTRATION 345.66

Concentrations of Various Pollutants in Atmosphere
at Huntington Park, California, pphm

<u>Date 1968</u>	<u>Time PST</u>	<u>Alyphatic Aldehydes</u>	<u>Formal- dehyde</u>	<u>Acrolein</u>	<u>Nitrogen Dioxide</u>	<u>Nitric Oxide</u>	<u>Total Nitrogen Oxides</u>
8/22	1405	---	---	---	5.2	2.4	7.6
8/23	1015	2.6	---	---	---	---	---
8/26	0945	---	2.0	---	---	---	---
	1020	4.4	---	---	---	---	---
	1230	---	---	---	9.9	3.2	13.1
8/27	0935	---	3.8	---	---	---	---
	1010	4.6	---	---	---	---	---
	1220	---	---	---	15.2	4.3	19.5
	1315	2.3	2.3	---	---	---	---
8/28	1030	---	---	1.8	3.9	6.0	9.9
	1145	---	---	---	3.4	1.6	5.0
9/4	0840	2.3	2.3	0.1	3.3	2.3	5.6
	0955	---	---	0.2	3.4	2.0	5.4
	1101	2.0	---	---	0.6	3.9	4.5
	1213	2.7	---	---	2.1	0.5	2.6
	1325	2.7	2.1	---	0.3	2.7	3.0
	1443	---	---	---	1.0	0.1	1.1
9/5	1011	3.3	---	0.9	19.5	4.4	23.9
	1230	4.5	---	0.4	2.2	1.7	3.9
	1417	2.9	---	0.9	3.9	0.8	4.7
9/6	0807	7.8	---	1.0	9.6	9.0	18.6
	0943	13.4	10.8	1.0	23.3	4.9	28.2
	1210	3.2	---	---	11.6	2.0	13.6
	1405	2.9	3.1	0.2	2.8	0.9	3.7
9/9	0900	8.4	9.0	0.5	38.7	6.9	45.6
	1015	7.4	---	1.0	8.3	1.9	10.2
9/10	0840	4.2	---	---	16.7	5.9	22.6
	1115	4.9	5.4	0.6	11.6	2.9	14.5
	1245	2.0	2.3	0.3	3.7	1.1	4.8
	1355	2.0	1.1	0.7	0.3	6.5	6.8
9/11	0830	4.0	4.3	0.2	18.1	10.0	28.1
	0948	3.4	3.6	0.4	7.7	2.7	10.4
	1208	8.3	---	0.3	8.8	0.7	9.5
	1350	3.0	2.0	0.7	4.3	2.0	6.3

Concentrations of Various Pollutants in Atmosphere
at Huntington Park, California, pphm

<u>Date</u> <u>1968</u>	<u>Time</u> <u>PST</u>	<u>Alyphatic</u> <u>Aldehydes</u>	<u>Formal-</u> <u>dehyde</u>	<u>Acrolein</u>	<u>Nitrogen</u> <u>Dioxide</u>	<u>Nitric</u> <u>Oxide</u>	<u>Total</u> <u>Nitrogen</u> <u>Oxides</u>
9/12	0823	3.1	2.4	0.3	11.2	11.1	22.3
	0940	4.4	3.5	0.3	15.0	5.4	20.4
	1215	---	2.6	0.4	11.1	1.5	12.6
	1332	3.4	3.0	1.3	4.8	0.9	5.7
9/13	0810	2.3	2.3	0.1	6.5	5.0	11.5
	0925	3.3	2.8	0.2	5.1	3.4	8.5
	1143	3.4	2.4	0.4	2.9	1.2	4.1
	1320	2.3	2.0	0.7	6.8	2.0	8.8
9/16	0820	3.6	3.5	---	9.8	6.1	15.9
	0933	2.5	2.5	0.2	3.5	1.7	5.2
	1208	3.5	3.1	0.3	5.9	1.7	7.6
	1333	3.1	2.6	0.4	5.0	1.4	6.4
9/17	0930	4.8	5.4	0.5	6.9	2.2	9.1
	1130	3.2	2.4	0.8	3.3	1.3	4.6
	1210	3.8	---	---	2.1	1.6	3.7
	1330	1.8	---	---	2.0	0.8	2.8
9/18	0800	2.3	2.3	---	8.4	6.6	15.0
	0910	2.4	1.9	0.4	8.8	4.7	13.5
	1024	3.3	2.7	---	9.5	2.9	12.4
	1130	3.8	3.4	0.5	9.1	1.6	10.7
	1301	2.9	---	0.5	2.2	0.5	2.7
9/19	0800	1.8	1.7	0.3	5.8	3.6	9.4
	0915	1.5	1.0	0.3	3.9	1.7	5.6
	1030	1.2	---	0.1	6.3	1.5	7.8
	1330	1.8	0.6	0.1	4.8	0.9	5.7
9/20	0753	2.1	1.0	0.1	4.8	5.9	10.7
	0930	2.1	1.2	0.4	5.4	2.4	7.8
	1210	1.5	1.2	0.2	2.5	1.0	3.5
	1330	1.9	0.9	0.1	3.8	1.0	4.8
9/23	0815	5.5	---	0.5	23.2	28.9	52.1
	1038	4.9	2.6	0.5	5.1	1.7	6.8
	1140	3.2	---	0.9	3.8	1.1	4.9
	1330	3.0	1.7	---	6.4	1.0	7.4
9/24	0753	3.9	1.6	0.7	9.5	14.3	23.8
	0858	4.0	1.8	0.3	13.9	9.6	23.5
	1010	3.3	1.8	0.5	6.8	1.2	8.0
	1200	3.1	2.0	0.9	2.8	0.7	3.5
	1350	3.1	1.8	0.2	6.2	0.6	6.8

Concentrations of Various Pollutants in Atmosphere
at Huntington Park, California, pphm

<u>Date 1968</u>	<u>Time PST</u>	<u>Alyphatic Aldehydes</u>	<u>Formal- dehyde</u>	<u>Acrolein</u>	<u>Nitrogen Dioxide</u>	<u>Nitric Oxide</u>	<u>Total Nitrogen Oxides</u>
9/25	0900	7.3	4.1	0.3	18.4	4.6	23.0
	1005	7.3	5.4	0.4	19.1	4.0	23.1
	1155	8.9	8.8	0.6	11.8	1.0	12.8
	1310	4.7	3.3	0.4	3.9	1.5	5.4
	1417	4.0	3.0	0.3	4.7	---	---
9/26	0835	7.9	5.2	0.4	23.7	12.7	36.4
	0945	9.8	7.5	0.6	6.3	1.2	7.5
	1155	7.1	5.4	0.5	9.7	1.8	11.5
	1325	5.2	4.1	0.6	11.6	1.0	12.6
9/27	0745	3.7	2.6	0.2	8.9	6.3	15.2
	0900	4.0	2.8	0.4	10.4	5.6	16.0
	1016	4.8	3.6	0.3	10.9	2.2	13.1
	1235	8.1	6.5	0.5	17.0	1.0	19.2
	1350	6.2	4.9	0.5	13.8	4.6	14.8
9/30	0750	2.2	1.0	0.2	4.5	4.6	9.1
	0900	2.0	1.2	0.2	5.0	4.2	9.2
	1040	1.7	0.5	0.1	5.2	2.9	8.1
	1315	1.3	0.6	0.1	2.9	0.8	3.7
	1430	1.4	0.4	0.1	2.8	1.3	4.1
10/1	0750	1.1	1.2	trace	---	---	---
	0905	2.3	1.0	0.1	---	---	---
	1026	---	1.5	0.1	---	---	---
10/2	0750	3.2	2.2	0.3	7.7	27.0	34.7
	0905	0.3	1.6	0.2	7.6	6.7	14.3
	1130	2.6	3.2	0.2	5.0	1.8	6.8
	1310	2.3	1.9	0.3	5.7	1.1	6.8
10/3	0742	1.8	1.2	0.1	5.5	5.0	10.5
	0854	1.6	1.2	0.2	4.6	1.7	6.3
	1114	2.9	---	0.2	4.9	1.8	6.7
	1245	2.0	---	0.2	---	---	---
10/4	0757	1.9	1.9	0.1	4.0	14.1	18.1
	0904	---	---	0.1	2.7	3.7	6.4
	1006	2.1	0.7	0.1	3.7	3.6	7.3
	1110	---	---	0.1	3.4	2.0	5.4
	1315	---	2.3	---	5.0	2.1	7.1
	1425	---	---	0.1	4.3	3.6	7.9

Concentrations of Various Pollutants in Atmosphere
at Huntington Park, California, pphm

Date 1968	Time PST	Alyphatic Aldehydes	Formal- dehyde	Acrolein	Nitrogen Dioxide	Nitric Oxide	Total Nitrogen Oxides
10/7	0808	---	---	0.4	---	---	---
	0934	3.4	---	---	---	---	---
	1100	---	---	---	3.5	2.9	6.4
	1245	2.8	---	0.4	4.2	1.1	5.3
	1400	---	---	0.1	2.6	0.6	3.2
10/8	0530	2.6	0.5	0.2	6.0	10.2	16.2
	0645	3.4	1.2	0.3	8.6	29.4	38.0
	0750	3.1	1.0	0.2	10.2	10.3	20.5
	0853	3.5	1.4	0.2	11.3	2.6	13.9
	1130	3.2	1.4	0.1	4.3	0.9	5.2
	1240	3.2	0.5	0.2	3.8	0.7	4.5
10/9	0614	4.1	1.2	0.2	3.6	12.3	15.9
	0715	4.0	0.4	0.1	6.2	11.5	17.7
	0820	2.8	0.2	0.2	6.4	2.4	8.8
	1135	2.3	---	0.2	4.1	0.8	4.9
10/10	0704	3.4	2.0	0.1	6.3	8.1	14.4
	0810	2.8	1.8	0.1	7.7	3.1	10.8
	0913	---	2.1	0.1	6.2	2.9	9.1
	1140	2.5	---	0.3	7.1	1.1	8.2
	1255	1.9	---	0.4	6.2	1.3	7.5
10/11	0545	1.9	1.6	trace	4.9	20.2	25.1
	0648	2.4	1.6	0.1	5.4	23.0	28.4
	0758	2.1	---	---	6.5	14.5	21.0
	0916	3.3	2.5	0.2	8.1	5.5	13.6
	1035	4.2	2.8	0.2	7.9	7.1	15.0
	1138	3.7	2.4	0.4	10.8	5.5	16.3
10/14	0800	2.1	0.6	0.1	3.6	1.7	5.3
	0928	1.7	0.5	0.2	3.5	2.4	5.9
	1235	2.0	1.4	0.2	1.3	0.8	2.1
10/15	0605	3.7	0.8	0.3	2.8	14.3	17.1
	0715	2.6	1.8	0.3	6.3	23.8	30.1
	0905	---	2.2	0.1	10.1	4.2	14.3
	1022	2.8	2.4	0.1	7.0	4.2	8.3
	1124	2.0	1.2	0.1	2.7	0.6	3.3
	1232	---	2.1	0.1	2.7	0.4	3.1
10/16	0540	4.7	2.4	0.2	6.9	23.3	30.2
	0646	---	3.1	0.5	11.1	27.7	38.8
	0900	4.5	3.8	0.4	14.1	9.3	23.4
	1005	4.5	3.4	0.2	1.7	14.8	16.5
	1120	3.7	3.1	0.2	7.1	1.3	8.4
	1223	2.7	2.0	---	2.7	0.6	3.3

Concentrations of Various Pollutants in Atmosphere
at Huntington Park, California, pphm

Date 1968	Time PST	Alyphatic Aldehydes	Formal- dehyde	Acrolein	Nitrogen Dioxide	Nitric Oxide	Total Nitrogen Oxides
10/17	0555	4.9	2.8	0.4	9.4	54.5	63.9
	0700	---	3.3	0.4	11.6	55.3	66.9
	0807	4.4	3.2	0.3	14.4	15.6	30.0
	0910	4.7	2.3	0.2	13.0	4.3	17.3
	1130	3.1	2.4	0.2	6.3	1.6	7.9
10/18	0550	4.1	2.1	0.3	6.3	21.9	28.2
	0700	4.6	3.0	0.6	10.1	31.3	41.4
	0808	4.8	3.0	0.2	10.8	18.5	29.3
	0914	4.3	2.4	0.2	9.4	4.6	14.0
	1102	4.4	3.2	0.2	12.7	2.7	15.4
	1210	0.5	2.7	---	11.5	1.4	12.9
10/21	0645	4.7	2.0	---	5.9	16.9	22.8
	0750	4.4	3.3	0.4	9.2	13.4	22.6
	0854	6.3	4.9	0.6	16.1	12.4	28.5
	1030	---	6.7	---	25.7	5.1	30.8
	1145	8.0	6.1	0.5	8.4	1.3	9.7
	1255	9.3	7.6	0.7	12.2	3.2	15.4
	1358	---	6.0	0.4	11.2	1.3	12.5
10/22	0555	4.3	2.3	0.3	10.1	13.2	23.3
	0658	5.9	2.6	0.3	12.1	17.2	29.3
	0815	8.0	5.7	0.5	19.8	10.4	30.2
	0921	13.9	10.0	0.6	28.1	9.3	37.4
	1115	16.4	13.6	1.1	19.5	2.6	22.1
	1240	8.8	8.1	0.7	6.7	1.1	7.8
10/23	0545	---	2.7	0.4	10.6	29.5	40.1
	0647	3.9	2.4	0.3	11.3	26.7	38.0
	0904	---	7.6	0.8	33.4	18.4	51.8
	1010	17.3	9.7	1.0	45.9	5.3	51.2
	1208	12.2	9.1	0.8	12.6	2.2	14.8
	1330	---	5.0	0.6	7.8	0.6	8.4
10/24	0624	8.0	3.0	0.4	6.6	---	---
	0908	8.2	3.9	0.4	13.0	4.7	17.7
	1013	7.2	4.0	0.3	5.5	7.7	13.2
	1250	---	4.8	---	5.2	0.9	6.1
	1400	12.0	5.0	---	9.5	1.0	10.5
10/25	0605	6.8	3.5	---	17.4	17.8	35.2
	0715	9.9	4.4	1.0	14.5	4.5	19.0
	0821	9.4	5.3	0.8	---	---	---
	0930	10.1	5.5	0.5	21.9	18.3	40.2
	1133	9.0	6.2	0.4	16.7	2.3	19.0
	1245	9.8	5.4	0.4	6.0	6.8	12.8

Concentrations of Various Pollutants in Atmosphere
at Huntington Park, California, pphm

<u>Date</u> <u>1968</u>	<u>Time</u> <u>PST</u>	<u>Alyphatic</u> <u>Aldehydes</u>	<u>Formal-</u> <u>dehyde</u>	<u>Acrolein</u>	<u>Nitrogen</u> <u>Dioxide</u>	<u>Nitric</u> <u>Oxide</u>	<u>Total</u> <u>Nitrogen</u> <u>Oxides</u>
10/28	0640	3.7	2.6	---	12.0	13.7	25.7
	0745	5.3	2.8	0.2	12.1	6.5	18.6
	0847	5.8	3.2	0.4	14.6	6.1	20.7
	0951	5.9	3.5	0.3	9.3	5.1	14.4
	1220	7.1	5.2	0.4	15.7	1.3	17.0
	1324	9.7	6.1	0.7	14.7	0.9	15.6
10/29	0652	4.1	2.3	0.2	11.6	6.3	17.9
	0755	5.2	2.3	0.3	12.0	11.2	23.2
	0900	3.0	0.9	0.2	11.6	7.3	18.9
	1100	6.4	3.5	0.3	12.9	5.4	18.3
	1221	4.1	2.4	0.3	8.2	1.3	9.5
	1329	3.4	1.7	---	3.9	1.9	5.8
10/30	0654	2.3	1.2	---	2.5	12.2	14.7
	0757	2.4	0.7	0.4	3.7	4.6	8.3
	0900	2.6	0.9	0.3	3.0	3.5	6.5
	1005	---	0.4	0.1	4.9	1.8	6.7
	1200	1.5	0.7	0.1	2.5	1.8	4.3
	1310	---	0.9	0.1	3.8	0.9	4.7
10/31	0645	3.2	1.6	0.2	4.1	6.9	11.0
	0755	2.7	---	0.2	5.5	11.9	17.4
	0900	2.1	1.0	0.1	3.9	5.9	9.8
	1100	1.7	0.8	0.1	3.8	1.6	5.4
	1210	1.8	1.8	0.1	2.9	1.5	4.4
11/1	0702	3.9	1.8	0.3	4.7	29.4	34.1
	0805	3.1	1.2	0.4	4.2	9.4	13.6
	0907	3.0	0.7	0.2	5.0	4.0	9.0
	1012	2.1	0.5	0.1	2.7	2.5	5.2
	1235	---	1.4	0.1	4.8	0.8	5.6
	1335	2.7	1.3	0.1	3.1	1.8	4.9
11/4	0652	2.5	1.6	0.2	3.8	21.9	25.7
	0756	3.5	1.1	0.2	3.1	9.1	12.2
	0906	3.9	1.4	0.1	2.8	3.0	5.8
	1053	1.8	1.3	0.2	2.5	1.5	4.0
	1326	2.1	0.6	---	2.1	1.2	3.3
11/5	0704	2.8	2.0	0.5	5.1	42.5	47.6
	0807	4.4	2.3	---	8.6	31.1	39.7
	0915	2.9	1.3	0.1	6.7	5.5	12.2
	1239	---	2.4	0.3	6.5	1.7	8.2
	1352	3.2	1.8	0.2	5.3	1.9	7.2

Concentrations of Various Pollutants in Atmosphere
at Huntington Park, California, pphm

<u>Date 1968</u>	<u>Time PST</u>	<u>Alyphatic Aldehydes</u>	<u>Formal- dehyde</u>	<u>Acrolein</u>	<u>Nitrogen Dioxide</u>	<u>Nitric Oxide</u>	<u>Total Nitrogen Oxides</u>
11/6	0650	---	2.8	0.2	7.5	29.0	36.5
	0753	4.2	2.3	0.4	9.9	19.6	29.5
	0914	---	2.4	0.1	11.6	8.9	20.5
	1122	4.4	2.3	0.2	8.7	1.2	9.9
	1233	5.5	3.0	0.2	8.7	1.5	10.2
11/7	0654	7.3	3.6	0.4	16.5	41.9	58.4
	0800	7.5	3.1	---	16.7	25.3	42.0
	1109	3.3	2.2	0.2	6.2	1.5	7.7
	1200	3.4	1.6	0.2	5.6	2.1	7.7
	1334	4.4	2.3	0.2	12.5	trace	12.5
11/8	0726	6.9	3.6	0.4	11.5	38.3	49.8
	0839	9.0	4.9	---	25.8	29.6	55.4
	1125	2.8	2.0	0.4	6.1	1.4	7.5
	1238	3.7	2.2	0.2	6.1	2.4	8.5
	1359	2.5	0.5	0.1	0.9	0.5	1.4
11/11	0928	8.7	5.2	---	18.8	8.5	27.3
	1030	6.2	3.5	0.3	10.9	2.6	13.5
	1230	8.0	5.7	0.4	10.5	2.2	12.7
	1353	6.6	4.6	---	7.5	1.0	8.5
	1457	8.1	4.8	---	5.4	1.2	6.6
11/12	0905	8.0	2.0	---	6.5	4.9	11.4
	1017	9.0	2.0	0.2	7.5	4.3	11.8
	1242	7.8	2.0	0.1	5.5	1.5	7.0
	1348	6.9	1.9	0.4	3.4	1.4	4.8
11/13	0918	3.6	2.1	0.1	---	---	---
	1121	---	2.4	0.1	6.8	2.2	9.0
	1325	---	1.9	---	2.3	1.1	3.4

LOS ANGELES ATMOSPHERIC REACTION STUDY - SRL/BBN
 INCOMING UV FLUX / HALF HOUR AVERAGE / IN WATT/M2
 HUNTINGTON PARK STATION

DAY	HOUR (PST)								11/68
	6	7	8	9					
1									
2									
3									
4									
5									
6			3.4	7.4	9.7	9.4	10.1		
7	0.0	1.3	1.7	5.4	7.1	11.1	11.4		
8		2.3	5.1	5.4	7.1	10.4	14.1		
9									
10									
11					10.1	11.1	11.8		
12						8.4	8.1		
AVE	0.0	0.0	1.8	3.4	6.1	8.5	10.1	11.1	
N	0	1	2	3	3	4	5	5	
MAX	0.0	0.0	2.3	5.1	7.4	10.1	11.1	14.1	

DAY	HOUR (PST)								11/68
	10		11		12		13		
1									
2									
3									
4									
5							13.4	12.2	
6	17.1	19.2	21.8	17.2	16.7	16.8	15.5	13.1	
7	14.1	16.4	18.8	19.2	18.5	17.5	16.0	12.4	
8	16.8	19.8	20.5	20.5	18.8	18.2	17.6	16.5	
9									
10									
11	13.6	13.8	17.5	13.4	12.4	13.4	13.7	11.8	
12	4.4		13.3	15.8	13.8	18.5	16.2	15.2	
AVE	13.2	17.3	18.4	17.2	16.0	16.9	15.4	13.5	
N	5	4	5	5	5	5	6	6	
MAX	17.1	19.8	21.8	20.5	18.8	18.5	17.6	16.5	

LOS ANGELES ATMOSPHERIC REACTION STUDY - SRL/BBN
 INCOMING UV FLUX / HALF HOUR AVERAGE / IN WATT/M2
 HUNTINGTON PARK STATION

DAY	HOUR (PST)								11/68		
	14	15	16	17					AVE	N	MAX
1											
2											
3											
4											
5	11.1	9.1	6.7								
6	9.7	9.4	7.1	4.3	3.4	.7			10.5	5	13.4
7	10.5	8.4	5.4	4.1					11.2	19	21.8
8	14.5	11.1	7.7	5.4					10.5	19	19.2
9									12.9	18	20.5
10											
11	9.1	8.7	6.4	4.7							
12	13.4	13.6	11.4						11.4	15	17.5
									12.7	12	18.5
AVE	11.4	10.0	7.4	4.6	3.4	.7	0.0	0.0			
N	6	6	6	4	1	1	0	0			
MAX	14.5	13.6	11.4	5.4	3.4	.7	0.0	0.0			

LOS ANGELES ATMOSPHERIC REACTION STUDY - SRL/BBN

WIND SPEED / HALF HOUR AVERAGE / IN MPH

HUNTINGTON PARK STATION

DAY	HOUR (PST)											9/68
	0		1		2		3		4		5	
1												
2												
3												
4												
5	0	0	1	1	1	0	2	1	0	1	2	1
6	2	2	1	2	1	1	1	0	1	2	1	1
7	1	1	1	0	2	2	2	1	2	1	1	1
8	3	4	4	5	5	5	5	4	2	1	1	0
9	0	1	2	1	1	1	0	1	1	1	1	1
10	2	2	4	1	1	2	1	3	1	0	1	1
11	8	8										
12												
13												
14												
15												
16												
17	2	1	0	0	2	1	0	1	1	1	1	1
18	4	3	4	3	2	2	2	2	3	2	1	1
19	3	3	3	2	2	1	1	2	2	3	2	2
20	1	1	0	1	1	2	1	3	2	2	2	1
21	4	3	2	2	1	2	2	3	2	2	2	3
22	2	1	1	2	2	3	3	3	3	2	2	3
23	3	2	3	3	3	3	2	2	2	3	3	3
24	2	3	3	3	3	2	3	3	2	4	4	4
25	2	2	2	3	1	1	2	1	3	3	2	3
26	1	1	2	1	1	1	0	1	0	1	1	1
27	1	1	0	1	1	1	2	1	1	1	2	1
28	2	2	3	2	3	3	2	3	2	3	2	2
29	4	4	5	5	4	3	3	2	2	2	2	2
30	1	2	2	2	1	1	2	1	2	2	2	2
AVE	2	2	2	2	2	2	2	2	2	2	2	2
N	21	21	20	20	20	20	20	20	20	20	20	20
MAX	8	8	5	5	5	5	5	4	3	4	4	4

LOS ANGELES ATMOSPHERIC REACTION STUDY - SRL/BBN

WIND SPEED / HALF HOUR AVERAGE / IN MPH

HUNTINGTON PARK STATION

DAY	HOUR (PST)						9/68					
	6	7	8	9	10	11						
1												
2												
3												
4												
5	1	1	2	2	2	2	3	3	4	4	4	3
6	2	2	3	2	2	2	3	3	4	5	7	8
7	1	1	2	3	2	2	3	3	4	5	6	7
8	1	2	2	2	2	1	2	3	3	4	5	7
9	1	1	1	1	1	2	2	2	3	3	4	5
10	2	3	3	3	4	3	3	3	3	4	5	7
11												
12												
13												
14												
15												
16												
17	2	2	2	1	2	3	5	5				8
18	2	1	2	2	2	1	2	4	4	4	5	5
19	1	2	2	3	4	4	5	5	4	5	5	5
20	1	3	3	3	3	3	4	5	5			
21	2	3	4	3	3	2	3	3	4	5	4	4
22	3	3	3	3	3	2	2	3	3	4	4	4
23	1	2	2	2	2	2	2	3	3	4	4	3
24	4	5	3	3	4	3	3	2	3	3	4	3
25	3	1	2	2	3	3	2	2	3	3	3	4
26	1	1	1	2	2	3	3	3	3	3	3	5
27	1	1	2	2	2	2	2	3	3	4	3	3
28	3	3	2	2	1	2	3	2	2	3	2	2
29	2	4	3	4	3	4	3	4	4	4	5	4
30	1	1	2	3	3	2	4	4	4	5	4	5
AVE	2	2	2	2	3	2	3	3	3	4	4	5
N	20	20	20	20	20	20	20	20	19	18	18	19
MAX	4	5	4	4	4	4	5	5	5	5	7	8

LOS ANGELES ATMOSPHERIC REACTION STUDY - SKL/BBN

WIND SPEED / HALF HOUR AVERAGE / IN MPH

HUNTINGTON PARK STATION

DAY	HOUR (PST)										9/68	
	12	13	14	15	16	17						
1												
2												
3												
4											8	7
5	5	6	7	7	7	7	8	9	8	8	8	6
6	8	8	8	9	9	9	9	9	9	8	8	5
7	7	7	8	9	9	10	10	10	9	7	8	7
8	8	7	9	9	9	8	8	8	9	8	7	7
9	7	8	8	8	9							
10	8	8	9					4	3	4	3	3
11												
12												
13												
14												
15												
16							8	8	8	7	8	7
17	9	10	10	10	11	10	10	9	8		8	7
18	5	5	7	6	9	7	7	7	8	8	7	7
19	6	5	5	5	4	2	4	5	5	7	6	6
20				8	7	8	7	9	8	7	6	
21	5	4	5	7	9	9	8	8	8	8	7	6
22	5	5	5	7	8	8	9	8	7	7	6	5
23	4	4	6	9	9	8	9	9	9	8	7	5
24	4	5	9	10	10	9	9	9	8	9	7	6
25	6	7	7	8	9	9	9	10	9	8	6	5
26	7	7	6	6	7	6	8	8	6	7	5	5
27	4	7	6	6	7	8	8	9	8		7	5
28	3	5	8	6	6	6	7	5	5	5	4	4
29	4	4	5	6	5	6	3	5	5	6	5	5
30	5	7	7	7	6	8	8	7	7	5	5	5
AVE	6	6	7	8	8	8	8	8	7	7	6	6
N	19	19	19	19	19	19	19	20	20	18	21	20
MAX	9	10	10	10	11	10	10	10	9	9	8	7

LOS ANGELES ATMOSPHERIC REACTION STUDY - SRL/BBN

WIND SPEED / HALF HOUR AVERAGE / IN MPH

HUNTINGTON PARK STATION

DAY	HOUR (PST)						9/68						AVE	N	MAX
	18	19	20	21	22	23									
1															
2															
3															
4	7	6	5	4	4	3	4	4	4	2	2	1	4.4	14	8
5	7	6	6	5	4	3	2	2	2	2	1	1	3.5	48	9
6	7	6	4	4	2	3	2	2	1	0	1	1	4.0	48	9
7	6	7	5	3	3	2	1	2	2	3	3	3	4.1	48	10
8	6	5	4	3	2	2	2	2	2	1	1	1	4.2	40	9
9	6	7	4	3	2	2	3	3	2	1	1	1	2.7	41	9
10	5	4	5	4	6	5	4	3	5	5	7	8	3.8	44	9
11													8.0	2	8
12															
13															
14															
15															
16	6	5	4	3	3	3	1	1	1	0	1	2	4.4	19	8
17	6	6	5	4	3	3	2	3	4	3	4	3	4.3	44	11
18	6	5	5	4	3	3	3	2	3	4	5	3	4.0	48	9
19	5	5	6	5	4	4	4	2	2	1	1	0	3.5	48	7
20	6	5	3	2	2	3	2	3	3	3	3	3	3.5	41	9
21	5	4	4	2	1	1	2	1	1	0	1	1	3.6	48	9
22	4	3	1	1	1	1	2	2	2	3	3	2	3.5	48	9
23	3	5	3	3	1	1	1	1	1	1	2	3	3.6	48	9
24	3	2	2	2	1	1	1	2	2	3	2	2	4.0	48	10
25	5	5	4	3	2	3	3	2	2	2	3	2	3.9	48	10
26	4	4	4	3	4	4	1	0	1	1	0	0	3.0	48	8
27	4	4	4	3	4	4	1	0	1	0	1	1	3.0	47	9
28	4	5	4	3	3	2	2	1	0	0	6	4	3.8	48	8
29	3	5	6	5	5	7	5	6	6	6	6	1	3.5	48	6
30	4	4	3	3	2	2	1	1	1	2	2	3	3.6	48	8
30	3	2	3	4	3	3	3	3	3	2	4	3			
AVE	5	5	4	3	3	3	2	2	2	2	2	2			
N	22	22	22	22	22	22	22	22	22	22	22	22			
MAX	7	7	6	5	6	7	5	6	6	6	7	8			

LOS ANGELES ATMOSPHERIC REACTION STUDY - SRL/BBN

WIND SPEED / HALF HOUR AVERAGE / IN MPH

HUNTINGTON PARK STATION

DAY	HOUR (PST)											10/68
	0		1		2		3		4		5	
1	3	4	6	5	3	3	2	2	2	2	1	1
2	1	0	1	1	2	1	0	1	2	2	2	2
3	9	7	4	4	3	5	6	5	4	2	2	2
4	1	1	2	2	2	1	0	1	1	2	1	2
5	2	2	2	1	1	2	2	1	0	2	0	1
6	1	1	0	1	2	2	2	3	3	3	1	2
7	1	1	1	2	2	2	0	0	0	1	0	1
8	2	2	2	2	1	1	2	1	2	2	2	1
9	1	1	0	2	2	2	2	2	2	1	1	3
10												1
11	0	1	1	1	2	2	0	1	1	1	1	2
12	0	0	1	1	1	2	2	1	2	1	2	2
13	1	2	2	1	1	1	0	2	1	2	2	3
14	0	0	0	2	2	5	5	6	6	7	7	5
15	1	1	2	3	6	7	7	11	13	13	9	6
16	2	3	2	2	2	3	2	2	2	2	2	2
17	2	2	2	2	2	3	2	2	2	3	2	2
18	4	2	3	4	4	4	3	3	3	3	3	3
19	2	1	1	1	1	1	1	1	1	1	1	1
20	2	2	1	2	2	2	3	3	2	3	3	2
21	1	1	1	1	1	1	1	1	1	1	3	3
22	1	2	2	2	3	3	1	1	1	0	0	1
23	1	1	1	1	1	2	1	1	1	1	1	1
24	1	2	1	1	1	1	1	1	1	0	1	1
25	2	2	2	3	1	2	2	2	1	2	1	2
26	1	1	2	2	2	1	1	1	1	2	2	1
27	2	2	2	2	2	3	2	2	1	1	1	1
28	2	2	2	1	2	1	2	2	1	1	2	2
29	1	1	1	1	1	2	1	1	2	3	2	1
30	2	1	2	2	1	2	1	2	2	0	1	2
31	2	2	3	2	1	2	2	2	2	2	2	2
AVE	2	2	2	2	2	2	2	2	2	2	2	2
N	30	30	30	30	30	30	30	30	30	30	30	31
MAX	9	7	6	5	6	7	7	11	13	13	9	6

LOS ANGELES ATMOSPHERIC REACTION STUDY - SRL/BBN

WIND SPEED / HALF HOUR AVERAGE / IN MPH

HUNTINGTON PARK STATION

DAY	HOUR (PST)											10/68
	6	7	8	9	10	11	12	13	14	15	16	17
1	2	1	2	2	1	1	2	2	2	2	2	2
2	2	2	2	3	3	3	3	2	2	3	3	3
3	3	1	1	2	2	2	2	2	2	2	3	3
4	2	1	0	1	1	2	2	3	3	4	3	4
5	1	1	1	2	3	1	1	2	2	3		
6	2	1	2	3	2	2	2	2	1	2	2	2
7	0	0	1	2	3	3	3	2	2	2	3	4
8	1	2	0	2	2	2	2	2	3	4	3	6
9	3	2	2	3	3	2	3	4	5	6	5	5
10	4	3	3	3	2	3	4	4	3	2	3	2
11	3	3	3	5	5	5	4	2	2	3	2	2
12	1	2	3	4	4	3	2	4	3	4	3	3
13	2	1	3	4	3	2	3	2	3	3	3	4
14	4	5	6	7	7	6	6		7	7	7	7
15	3	2	1	3	3	4	3	3	3	3	4	5
16	1	2	2	2	2	4	2	2	2	2	2	3
17	2	2	1	1	3	2	2	3	3	3	5	4
18	3	3	2	2	3	4	4	3	2	2	3	3
19	1	1	1	1	1	2	2	2	3	3	3	3
20	2	2	2	1	2	2	2	2	3	3	3	4
21	2	2	1	1	1	1	2	3	3	2	2	2
22	1	0	0	1	1	1	2	2	2	2	3	4
23	1	2	2	2	1	1	1	2	1	2	2	2
24	2	3	2	1	2	2	2	3	3	2	3	3
25	1	1	2	2	1	1	1	1	2	2	3	3
26	1	1	2	1	1	1	1	2	1	2	3	3
27	1	1	1	1	1	1	2	3	3	3	3	4
28	2	2	2	1	2	3	3	3	3	3	2	2
29	2	3	2	2	1	2	3	4	4	5	4	5
30	2	2	1	4	4	3	5	3	4	3	4	4
31	3	2	3	3	3	4	4	3	2	3	3	2
AVE	2	2	2	2	2	2	3	3	3	3	3	3
N	31	31	31	31	31	31	31	30	31	31	30	30
MAX	4	5	6	7	7	6	6	4	7	7	7	7

LOS ANGELES ATMOSPHERIC REACTION STUDY - SRL/BBN

WIND SPEED / HALF HOUR AVERAGE / IN MPH

HUNTINGTON PARK STATION

DAY	HOUR (PST)										10/68	
	12		13		14		15		16		17	
1	3	3	5	5	6	5	6	6	6	6	5	4
2	5	6	5	6	7	7	8	7	7	7	7	7
3	2	4	5	5	5	4	4	2	4	8	8	7
4	4	5	5	5	5	6	7	7	7	7	7	6
5	4	5	7	8	7	7	7	6	7	6	6	5
6	2	2	2	2	3	4	4	5	6	6	6	5
7	4	5	6	7	6	7	6	6	7	6	5	5
8	7	7	7	8	8	9	8	7	7	8	6	6
9	3	3	3	4	5	6	10	9				
10	3	2	2	3	3	4	4	7	7	8	6	5
11	2	2	2	3	2	3	3	5	5	6	5	5
12	4	5	7	7	7	7	7	7	5	6	6	4
13	4	5	8	8	10	8	8	7	8	7	6	5
14	6	5	4	4	3	3	3	2	2	2	3	5
15	4	4	6	8	9	9	9	9	7	6	6	5
16	2	3	2	7	7	8	7	6	6	5	4	2
17	4	3	4	7	8	7	8	8	7	7	7	4
18	4	3	4	4	6	5	4	4	2	3	3	3
19	4	5	6	6	7	7	6	7	5	4	3	2
20	5	7	7	8	7	5	6	6	5	5	5	4
21	3	3	6	7	7	8	7	6	5	5	4	3
22	6	6	7	7	7	6	8	7	6	4	3	2
23	4	6	8	7	7	6	6	5	5	6	4	5
24	4	5	7	7	7	9	7	6	5	5	3	2
25	4	5	7	7	7	6	5	3	3	4	4	4
26	4	5	6	6	7	7	6	6	5	5	4	4
27	5	6	6	6	6	6	7	6	5	4	3	2
28	3	2	3	3	7	7	7	7	7	7	6	5
29	12	8	8	6	5	4	4	6	5	8	8	7
30	5	4	5	7	8	5	4	3	4	5	4	3
31	2	3	3	2	4	3	3	3	2	2	3	3
AVE	4	4	5	6	6	6	6	6	5	6	5	4
N	31	31	31	31	31	31	31	31	30	30	30	30
MAX	12	8	8	8	10	9	10	9	8	8	8	7

LOS ANGELES ATMOSPHERIC REACTION STUDY - SRL/BBN

WIND SPEED / HALF HOUR AVERAGE / IN MPH

HUNTINGTON PARK STATION

DAY	HOUR (PST)												10/68		
	18		19		20		21		22		23		AVE	N	MAX
1	3	4	3	4	3	2	2	2	2	1	2	1	3.0	48	6
2	7	5	4	0	1	2	2	3	5	5	4	7	3.5	48	8
3	4	6	4	4	5	4	5	4	4	4	3	2	3.9	48	9
4	6	6	4	4	4	2	1	1	0	0	0	1	3.0	48	7
5	4	4	4	3	2	3	2	1	2	1	1	1	3.0	46	8
6	4	3	2	2	2	3	3	2	2	1	1	1	2.4	48	6
7	5	4	3	3	2	2	3	3	3	3	2	1	2.9	48	7
8	5	4	4	4	2	2	2	2	3	4	3	1	3.6	48	9
9													3.3	32	10
10	6	5	5	4	1	1	1	2	2	2	0	1	3.3	37	8
11	5	4	5	4	3	2	1	0	0	1	1	1	2.5	48	6
12	3	3	4	3	2	1	1	1	1	1	1	1	3.0	48	7
13	5	4	2	2	2	2	2	3	2	2	1	1	3.4	48	10
14	6	5	5	3	3	3	3	2	2	2	1	1	4.1	47	7
15	4	3	3	3	3	2	2	2	1	1	2	3	4.7	48	13
16	1	2	2	2	3	1	1	2	2	1	2	2	2.8	48	8
17	2	1	2	2	1	0	1	2	2	2	3	3	3.2	48	8
18	2	2	2	2	2	3	3	3	5	3	1	2	3.1	48	6
19	1	1	1	2	3	2	3	2	1	1	1	2	2.5	48	7
20	5	4	4	2	2	1	1	1	2	2	1	1	3.1	48	8
21	3	2	1	1	2	2	2	2	2	2	2	0	2.6	48	8
22	4	4	3	3	2	2	2	1	1	0	1	1	2.7	48	8
23	4	2	2	2	2	1	1	0	2	2	3	2	2.6	48	8
24	1	1	3	2	0	0	2	1	2	1	1	0	2.5	48	9
25	4	4	3	3	3	2	1	3	3	2	3	1	2.8	48	7
26	3	3	2	2	1	1	1	1	1	1	2	2	2.5	48	7
27	2	1	2	3	3	4	5	3	2	2	2	1	2.9	48	7
28	4	4	3	1	2	3	1	0	1	2	3	2	2.9	48	7
29	6	6	3	2	3	2	4	3	3	1	2	1	3.6	48	12
30	2	2	0	2	2	2	2	3	2	2	2	2	2.9	48	8
31	5	4	3	3	1	0	1	2	4	3	3	3	2.6	48	5
AVE	4	3	3	3	2	2	2	2	2	2	2	2			
N	30	30	30	30	30	30	30	30	30	30	30	30			
MAX	7	6	5	4	5	4	5	4	5	5	4	7			

LOS ANGELES ATMOSPHERIC REACTION STUDY - SRL/BBN

WIND SPEED / HALF HOUR AVERAGE / IN MPH

HUNTINGTON PARK STATION

DAY	HOUR (PST)											11/68
	0	1	2	3	4	5	6	7	8	9	10	11
1	2	3	2	1	2	1	3	4	5			
2	1	2	2	1	1	1	1	1	1	1	1	2
3	2	2	1	1	0	1	2	2	1	1	1	2
4	2	2	1	2	2	1	2	2	1	2	1	2
5	1	1	1	2	2	2	1	2	1	0	1	1
6	2	3	2	2	1	1	1	2	1	1	1	2
7	1	3	2	0	1	2	3	2	2	2	1	1
8	1	3	2	3	2	3	2	2	2	1	2	3
9	1	2	2	2	2	3	2	2	3	3	2	3
10	1	1	0	1	2	2	3	2	2	3	2	1
11	2	1	1	0	0	0	1	1	1	0	1	1
12	2	2	2	2	2	2	1	1	1	0	1	1
AVE	2	2	2	1	1	2	2	2	1	1	1	2
N	12	12	12	12	12	12	12	12	12	12	12	2
MAX	2	3	2	3	2	3	3	2	3	3	2	3

LOS ANGELES ATMOSPHERIC REACTION STUDY - SRL/BBN

WIND SPEED / HALF HOUR AVERAGE / IN MPH

HUNTINGTON PARK STATION

DAY	HOUR (PST)										11/68	
	6		7		8		9		10		11	
1	1		1	2	3	3	3	3	3	4	3	4
2	2	2	2	3	3	2	2	1	2	2	2	4
3	2	2	2	4	3	3	2	2	2	2	2	3
4	1	1	2	1	2	3	3	4	5	5	5	5
5	1	1	1	1	2	2	3	3	2	2	3	3
6	2	2	2	3	2	3	4	3	3	2	2	2
7	3	2	2	2	3	3	4	4	5	6	5	6
8	2	2	2	2	1	2	2	2	4	3	2	4
9	1	1	2	2	3	2	2	3	3	2	3	2
10	2	1	2	2	2	1	1	2	2	2		2
11	1	2	1	1	1	2	2	2	4	2	2	3
12	1	0	1	2	3	4	2	2	3	2	2	3
AVE	2	1	2	2	2	3	3	3	3	3	3	3
N	12	11	12	12	12	12	12	12	12	12	11	12
MAX	3	2	2	4	3	4	4	4	5	6	5	6

LOS ANGELES ATMOSPHERIC REACTION STUDY - SRL/BBN

WIND SPEED / HALF HOUR AVERAGE / IN MPH

HUNTINGTON PARK STATION

DAY	HOUR (PST)										11/68	
	12		13		14		15		16		17	
1	3	3	4	6	6	8	7	7	7	6	5	5
2	4	6	6	6	5	6	8	8	8	7	5	6
3	4	5	7	6	6	5	5	6	7	5	3	2
4	5	7	7	7	8	8	8	8	7	6	7	6
5	3	2	5	5	6	5	6	5	5	5	6	4
6	2	2	2	3	8	9	9	8	7	6	5	2
7	4	3	4	2	3	3	6	6	4	4	3	2
8	6	7	7	8	8	7	7	7	6	3	2	2
9	3	4	3	3	5	6	4	4	4	4	3	2
10	2	3	3	3	4	4	4	4	4	3	3	3
11	4	4	4	4	3	3	3	4	4	3	2	1
12	4	5	4	4								
AVE	4	4	5	5	6	6	6	6	6	5	4	3
N	12	12	12	12	11	11	11	11	11	11	11	11
MAX	6	7	7	8	8	9	9	8	8	7	7	6

LOS ANGELES ATMOSPHERIC REACTION STUDY - SRL/BBN

WIND SPEED / HALF HOUR AVERAGE / IN MPH

HUNTINGTON PARK STATION

DAY	HOUR (PST)												11/68		
	18		19		20		21		22		23		AVE	N	MAX
1	6	5	5	5	2	3	2	1	0	1	0	1	3.1	47	8
2	5	5	3	2	1	1	1	1	1	3	4	4	3.1	48	8
3	2	2	1	2	1	0	2	3	3	2	3	2	2.7	48	7
4	4	4	4	1	1	0	0	1	1	0	0	1	3.2	48	8
5	3	2	1	1	1	0	1	0	0	1	1	1	2.3	48	6
6	2	0	1	2	1	1	2	0	2	2	1	2	2.7	48	9
7	1	0	1	0	2	3	1	2	2	2	2	2	2.7	48	6
8	1	2	2	2	2	2	2	2	1	1	1	1	3.0	48	8
9	2	1	2	2	1	2	1	1	2	2	1	1	2.4	48	6
10	3	2	0	2	1	1	2	1	2	4	3	2	2.1	47	4
11	2	3	2	3	5	5	5	5	5	4	3	3	2.4	48	5
12													2.1	28	5
AVE	3	2	2	2	2	2	2	2	2	2	2	2			
N	11	11	11	11	11	11	11	11	11	11	11	11			
MAX	6	5	5	5	5	5	5	5	5	4	4	4			

LOS ANGELES ATMOSPHERIC REACTION STUDY - SRL/BBN
WIND DIRECTION / HALF HOUR AVERAGE / IN DEG TRUE
HUNTINGTON PARK STATION

DAY	HOUR (PST)												9/68
	0	1	2	3	4	5							
1													
2													
3													
4													
5	150	140	0	0	350	355	10	0	40	5	0	5	
6	280	245	275	315	325	325	315	255	295	315	260	0	
7	240	245	215	165	50	25	55	220	330	30	295	120	
8	70	75	85	95	100	105	105	100	90	20	25	130	
9	300	315	280	290	260	220	215	280	340	15	40	80	
10													
11													
12													
13													
14													
15													
16													
17	265	280	335	275	245	275	280	350	10	5	0	5	
18	80												
19	110	165	175	195	180	220	220	205	190	180	190	210	
20	280		275	260	215	145	145	190	150	45	55	45	
21	40	30	10	30	15	5	5	5	5	5			
22	15	60	0										
23	350	350	0	0			0						
24							0	0	0	0	0	5	
25	5	15	5	5	50	0	0	15	10	0	15	0	
26	170	0	5	25	15	0	305	25	115	135	195	245	
27	245	300	210	220	135	70	65	30	20	290	245	255	
28	95	150	195	55	40	60	45	35	65	35	75	50	
29	100	85	70	85	80	90	90	125	110	60	65	65	
30	290	260	265	245	285	270	230	260	265	260	270	270	
AVE	171	170	141	141	156	144	130	131	127	88	115	99	
N	18	16	17	16	15	15	16	16	16	16	15	15	
MAX	350	350	335	315	350	355	315	350	340	315	295	270	

LOS ANGELES ATMOSPHERIC REACTION STUDY - SRL/BBN

WIND DIRECTION / HALF HOUR AVERAGE / IN DEG TRUE

HUNTINGTON PARK STATION

DAY	HOUR (PST)						9/68					
	6	7	8	9	10	11						
1												
2												
3												
4												
5	310	230	230	230	130	160	240	165	180	210	240	230
6	45	40	80	55		270	240	230	280	265	240	255
7	45	40	55	130	220	255	275	265	250	255	260	275
8	235	325	295	240	265	220	185		230	230	225	255
9	65	55	190	255	255	240	230	220	205	245	235	240
10		80	145	205	215			180	220	180	205	250
11												
12												
13												
14												
15												
16												
17	5	10	10	5	310	240	275	270	265	245	255	255
18					245	275	175	210	140	185	210	180
19	205	225	230	165	165	175	145	170	195	210	230	210
20	45	55	50	60	35	95	120	165	165	180	180	170
21		0	10	25	45	65	65	180	160	200	200	175
22						80	260	235	220	225		
23	350	305		25	125	185	220	170	205	230	260	205
24						15		235	265	245	245	200
25	15	100	50	30	35	50	60	200	215	220	230	250
26	255	265	255	220	200	190	170	195	175	195	190	235
27	275	260	120	230	130	100	110	120	205	230	205	200
28	65	60	115	30	90	120	175	150	170	200	125	80
29	75	80	105									
30	245	230	200	175	175	185	240	255	260	265	260	260
AVE	149	139	134	130	165	162	187	201	211	222	222	218
N	15	17	16	16	16	18	17	18	19	19	18	18
MAX	350	325	295	255	310	275	275	270	280	265	260	275

LOS ANGELES ATMOSPHERIC REACTION STUDY - SRL/BBN

WIND DIRECTION / HALF HOUR AVERAGE / IN DEG TRUE

HUNTINGTON PARK STATION

DAY	HOUR (PST)												9/68
	12	13	14	15	16	17							
1													
2													
3													
4													
5	255	245	260	265	270	290	280	275	280	280	270	280	
6	265	275	265	275	270	275	290	285	285	270	285	265	
7	285	295	265	270	275	265	265	265	290	265	295	280	
8	275	270	275	275	275	280	280	295	290	290	275	290	
9	235	280	270	280	260	280	270	260	255	265	280	275	
10	250	255	260	185	170	175	175	120	150	210	190	220	
11													
12													
13													
14													
15													
16													
17	255	265	250	255	245	255	255	240	245	235	260	250	
18	210	190	215	230	260	235	230	245	235	245	240	245	
19	230	230	230	230	180	220	230	215	230	235	240	250	
20	175	180	200	220	230	230	250	250	270	265	245		
21	150	220	195	210	240	240	240	245	245	260	265	260	
22	210	220	225	220	235	250	250	265	250	250	255	250	
23	250	200	225	265	260	255	265	255	260				
24	190	210	245	245	250	245	250	245	255	260	260	230	
25	265	265	255	245	260	250	265	250	255	265	255	255	
26	245	265	250	260	255	245	260	250	250	245	250	240	
27	190	255	250	255	250	255	265	265	260	245	255	250	
28	170	130	155	160	185	175	175	190	210	220	195	205	
29	155	170	170	175	175	195	220	195	185	255	250	260	
30	265	270	250	220	220	245	245	255	260	260	270	270	
AVE	226	234	235	237	238	244	249	244	249	254	254	255	
N	20	20	20	20	20	21	21	21	21	20	21	20	
MAX	285	295	275	280	275	290	290	295	290	290	295	290	

LOS ANGELES ATMOSPHERIC REACTION STUDY - SRL/BBN

WIND DIRECTION / HALF HOUR AVERAGE / IN DEG TRUE

HUNTINGTON PARK STATION

DAY	HOUR (PST)												9/68		
	18		19		20		21		22		23		AVE	N	MAX
1															
2															
3															
4	290	300	290	300	310	280	295	310	310	295	270	230	287.9	14	310
5	275	275	270	290	295	295	310	310	300	280	340	280	216.2	48	355
6	260	265	265	270	250	220	205	185	220	285	310	260	244.8	47	325
7	230	270	285	280	270	250	200	190	175	160	125	65	212.1	48	330
8	270	285	295	295	275	275	165	180	155	130	75	130	204.4	47	325
9	285	240	210	180	160	185	200	240	90	220	210	215	223.2	48	340
10	185	200	245	270	255	235	265	240	265	250	255	285	211.8	33	285
11															
12															
13															
14															
15															
16	255	250	260	275	280	265	245	260	315	265	265	265	260.0	19	315
17	240	270	255	260	260	265	215	155	145	105	45	85	204.2	48	350
18	245	245	250	225	210	210	225	250	65	100	100	110	203.5	33	275
19	260	260	275	275	250	255	285	255	270	255	270	265	217.9	48	285
20	250	250	220	215	150	135	145	140	125	120	55	35	162.6	46	280
21	260	250	245	250	240	180	155	190	215	165	290	335	151.6	45	335
22	265	210	175	170	140	290	10	40	315	330	315	25	189.7	33	330
23			245	245									184.2	31	350
24	235	205	145	155	90	70	40	20	15	0	0	0	168.8	30	265
25	260	255	245	210	155	145	140	75	20	45	65	130	133.4	48	265
26	230	220	240	235	175	235	260	305	275	245	240	250	202.2	48	305
27	265	265	275	265	270	255	250	245	220	210	335	155	214.1	48	335
28	160	150	130	140	130	115	110	95	90	85	95	90	121.7	48	220
29	260	255	270	270	250	260	260	265	265	260	265	285	175.8	39	285
30	275		275	265	265	270	265	260	230	230	265	230	250.6	47	290
AVE	253	246	244	243	223	223	202	200	194	192	200	177			
N	21	20	22	22	21	21	21	21	21	21	21	21			
MAX	290	300	295	300	310	295	310	310	315	330	340	335			

LOS ANGELES ATMOSPHERIC REACTION STUDY - SRL/BBN

WIND DIRECTION / HALF HOUR AVERAGE / IN DEG TRUE

HUNTINGTON PARK STATION

DAY	HOUR (PST)												10/68
	0	1	2	3	4	5							
1	205	230	230	230	225	220	200	185	160	140	165	40	
2	155	55	55	50	35	10	35	55	55	40	15	10	
3		120	40	110	100	235	260	240	195	165	120	110	
4	100	70	65	85	160	95	55	5	85	5	0	25	
5	0	0	10	350	315	0	0	0	0	350	345	20	
6	80	270	185	320	20	60	65	65	50	55	330	35	
7	5	5	25	40									
8	285	265	270	265	265	295	250	250	300	280	340	85	
9	270	315	70	345	10	5	260	310	330	330	170	225	
10												95	
11	260	310	335	20	35	40	290	175	145	295	100	20	
12	220	240	250	220	260	290	330	0	15	15	35	35	
13	40	50	35	10	0	350	25	10	60	55	20	30	
14	200	160	105	65	65	70	85	70	70	75	70	60	
15	45	220	135	345		310		305	310	310	315	300	
16	335	0	355	0	0			290	340	325	0	355	
17	345	350	15	5	0	10	15	5	5	0	0	0	
18	0		0	0	0	10	0	0	0	0			
19	5	25	5	35	30	0	350	145	280	10	5	25	
20	190	340	50	75	0	295	295	260	15	60	60	60	
21	10	165	285	340	330	335	80	170	50	20	40	40	
22	15	200	240	290	295	320	5	0	15	70	75	30	
23	15	255	310	235	345	120	60	5	10	30	95	165	
24	355	20	100	15	350	50	260	330	260	355	330	0	
25	60	30	0	10	5	0	15	15	50	35	30	60	
26		50	80	250	260	345	20	150	205	260	260	5	
27	245	255	260	265	235	220	220	215	70	335			
28	260	280	285	255	245	250	275	280	20	20	70	25	
29	5	0	0	50	5	15	325	275	70	290	255	355	
30	355	10	20	80	110	170	185	195	130	60	105	135	
31	35	30	15	10	0	0	0	10	10	15	10	5	
AVE	146	149	132	146	132	147	147	138	114	138	124	84	
N	28	29	29	30	28	28	27	29	29	29	27	28	
MAX	355	350	355	350	350	350	350	330	340	355	345	355	

LOS ANGELES ATMOSPHERIC REACTION STUDY - SRL/BBN

WIND DIRECTION / HALF HOUR AVERAGE / IN DEG TRUE

HUNTINGTON PARK STATION

DAY	HOUR (PST)											10/68
	6	7	8	9	10	11						
1	45	125	170	180	165	175	210	190	250	205	205	175
2	10	20	30	15	20	15	40	45	180	205	195	200
3	170	245	55	35	35	50	65	45	300	290	310	305
4	35	30	190	195	230	245	225	210	200	215	245	245
5	15	5	0	0	10	270	295	220	180	220	235	215
6	30	235	135	125	155	160	55	35	95	10	140	175
7			285	195	180	170	180	195	25	165	195	115
8	75	325	75	55	30	250	150	140	275	255	200	260
9	305	285	305	240	240	270	125	210	220	250	230	290
10	115	75	40	40	70	85	80	70	50	145	40	230
11	30	50	50	40	40	35	60	170	265	265	300	270
12	10	15	40	40	60	40	15	115	25	145	165	170
13	5	15	15	15	5	20	40	175	155	195	170	150
14	50	40	35	40	35	45	60	60	50	50	55	60
15	5	0	235	200	15	60	15	25	315	305	250	270
16	5	340	5	5	5	5	150	65	100	130	210	210
17	15	10	50	10	10	10	5	335	295		275	310
18					20	30	35	40	355	140	235	185
19	30	330	130	125	185	155	175	195	175	175	210	230
20	10	20	25	75	345	195	220	140	190	205	185	230
21	30	15	0	5	185	220	215	160	170	185	195	200
22	255	0	15	95	145	200	210	255	215	195	190	215
23	265	305	260	265	305	10			20	320	285	290
24	0		10	5						345	310	265
25	50	355	0	10	35	85	160	40	340	130	180	195
26	355	35	20	10	65	115	140	130		195	230	200
27				5	330	60						220
28	25	195	350	40	65	75	45	165	165	145	125	155
29	40	50	20	145	245	315	310	50	75	80	335	170
30	80	70	55	255	265	265	220	185	200	220	175	195
31	0	0	0	15	30	40	40	45	55	60	90	85
AVE	74	118	90	83	117	122	126	132	176	188	205	209
N	28	27	29	30	30	30	28	28	28	29	30	31
MAX	355	355	350	265	345	315	310	335	355	345	335	310

LOS ANGELES ATMOSPHERIC REACTION STUDY - SRL/BBN

WIND DIRECTION / HALF HOUR AVERAGE / IN DEG TRUE

HUNTINGTON PARK STATION

DAY

HOUR (PST)

10/68

	12	13	14	15	16	17
1	175	220	225	240	260	250
2	230	240	235	245	235	230
3	80	200	235	240	250	275
4	255	250	265	235	260	260
5	210	230	235	235	245	235
6	280	235	310	300	250	235
7	105	145	160	215	240	230
8	235	265	265	240	245	245
9	265	210	160	205	105	175
10	95	230	215	145	140	190
11	55	130	175	225	260	265
12	210	260	260	225	220	225
13	160	205	245	245	245	260
14	40	25	35	40	55	75
15	255	240	220	220	210	205
16	205	280	210	255	255	265
17	210	235	270	260	245	245
18	215	215	185	175	235	245
19	200	225	230	235	255	260
20	235	240	245	260	265	260
21	200	235	245	250	245	255
22	235	250	260	260	265	260
23	260	245	250	265	275	275
24	275	265	260	270	275	280
25	190	180	195	240	255	260
26	205	215	240	250	255	265
27	230	250	265	260	255	245
28	185	160	170	190	260	265
29	240	250	260	250	245	255
30	205	185	220	225	230	215
31	40	40	355	195	250	265
AVE	192	211	228	229	235	241
N	30	31	31	31	31	31
MAX	280	280	355	300	275	280

LOS ANGELES ATMOSPHERIC REACTION STUDY - SRL/BBN

WIND DIRECTION / HALF HOUR AVERAGE / IN DEG TRUE

HUNTINGTON PARK STATION

DAY	HOUR (PST)												10/68		
	18		19		20		21		22		23		AVE	N	MAX
1	260	250	260	250	265	265	260	255	255	215	180	180	210.7	48	270
2	245	235	250	295	345	70	90	0	295	295	285	20	142.8	48	345
3	235	260	260	270	265	265	265	260	250	245	260	275	203.4	47	310
4	265	265	265	275	270	280	280	250	200	185	30	25	178.7	48	280
5	265	265	265	240	240	250	250	285	235	230	245	195	185.9	48	350
6	260	260	265	245	270	290	300	300	335	315	280	260	196.5	48	335
7	250	255	260	260	260	250	245	235	245	240	250	270	193.4	38	285
8	265	250	265	265	265	260	280	270	255	270	280	285	238.1	48	340
9	215	240	295	220	175	250	280	270					230.7	44	345
10	260	270	265	270	280	295	305	265	260	265	285	240	185.1	37	305
11	255	260	270	285	275	300	280	235	150	50	305	295	190.3	48	335
12	265	265	260	255	235	275	275	235	50	50	40	55	165.7	48	330
13	265	250	245	205	175	170	180	210	220	210	250	245	148.7	48	350
14	260	265	245	240	240	250	265	250	215	155	110	15	119.9	48	265
15	265	40	35	15	40	35	0	15	5	5			169.7	44	345
16						5	320	285	350	55	355	345	202.6	41	677
17	235	210	165	130	170	330	345	0	0	350			152.5	44	350
18	220	170	145	170	175	155	145	95	80	50	355	30	138.1	40	355
19	215	210	150	65	80	60	45	40	50	350	20	165	153.5	48	350
20	260	265	275	275	275	335							194.8	41	345
21	260	260	215	250	260	275	260	270	270	270	260	330	199.5	48	340
22	220	250	265	240	230	210	255	335	350	0	5	35	186.9	48	350
23	260	240	205	270	285	305	5	10	5	0		15	193.3	45	345
24	275	55	150	245	55	355	340	0	0	30	0	325	200.8	42	355
25	240	245	245	225	260	275	35	55	130	190	250		140.3	45	355
26	265	245	250	245	265	325	235	280	300		260	260	205.6	45	355
27	220	210	180	210	230	255	270	260	255	240	235	260	229.7	38	335
28	265	275	265	260	265	225	250	5	205	235	260	315	196.0	48	350
29	265	265	0	75	200	175	245	260	265	215	195	275	185.2	48	355
30	215	230	15	40	45	45	55	30	30	50	60	45	144.4	48	355
31	220	245	255	260	215	100	100	140	130	105	80	95	98.4	48	355
AVE	249	233	216	219	220	224	215	180	186	174	197	187			
N	30	30	30	30	30	31	30	30	29	28	26	26			
MAX	275	275	295	295	345	355	345	335	350	350	355	345			

LOS ANGELES ATMOSPHERIC REACTION STUDY - SRL/BBN

WIND DIRECTION / HALF HOUR AVERAGE / IN DEG TRUE

HUNTINGTON PARK STATION

DAY	HOUR (PST)												11/68
	0	1	2	3	4	5	6	7	8	9	10	11	12
1	130	130	90	40	40	30	30	60	10	15	5	10	
2	0	0	20	10	0	0	0	0	0	5	0	0	
3	20	10	325	335	0	5	25	25	35	10	355	355	
4	50	35	15	30	30	15	15	5	30	0	350	25	
5	50	50	35	5	0	0	25	15	0	0	0	0	
6	0	20	0	5	280	0	0	355	0	10	20	0	
7	60	50	50	5	5	40	30	40	50	0	0	0	
8	35	15	355	10			15	320	5	350	0	345	
9	345	355	355	355				0	10	35	15	50	
10	355	150	35	55	0	0	0	5	5	0	0	0	
11	145	75	5	75	55	0	305	250	150	50	55	160	
12	305	355	55	280	255	260	275	175	0	280	305	95	
AVE	125	104	112	100	66	35	65	104	25	63	92	87	
N	12	12	12	12	10	10	11	12	12	12	12	12	
MAX	355	355	355	355	280	260	305	355	150	350	355	355	

LOS ANGELES ATMOSPHERIC REACTION STUDY - SRL/BBN

WIND DIRECTION / HALF HOUR AVERAGE / IN DEG TRUE

HUNTINGTON PARK STATION

DAY	HOUR (PST)										11/68	
	6		7		8		9		10		11	
1	10	350	40	40	45	65	95	65	60	55	5	175
2	0	0	0	0	10	0	300	355	200	300	280	250
3	325	0	5	35	45	70	285	200	50	170	210	195
4	40	125	240	100	205	235	210	215	250	235	230	210
5	10	40	20	15	15	25	55	55	120	195	165	130
6	0	0	5	5							105	305
7	0	10	0	5	5	45	60	40	60	55	65	65
8	315	355	10	340	190	75	190	215	220	170	200	220
9	40	50	0	0	10	20	200	150	155	130	65	80
10	0	355	0	5	30		350	205	280	230	160	170
11	335	30	25	35	60	135	205	190	190	200	175	175
12	40	25	10	5	40	50	15	350	210	200	190	240
AVE	93	112	30	49	60	72	179	185	163	176	154	185
N	12	12	12	12	11	10	11	11	11	11	12	12
MAX	335	355	240	340	205	235	350	355	280	300	280	305

LOS ANGELES ATMOSPHERIC REACTION STUDY - SRL/BBN

WIND DIRECTION / HALF HOUR AVERAGE / IN DEG TRUE

HUNTINGTON PARK STATION

DAY	HOUR (PST)												11/68
	12		13		14		15		16		17		
1	265	195	250	225	245	240	245	240	250	255	265	260	
2	240	240	265	265	265	250	250	255	260	255	260	245	
3	215		255	245	260	265	255	245	255	260	275	280	
4	220	225	215	235	250	250	255	220	245	255	260	260	
5	200	170	220	230	235	220	225	235	235	240	245	260	
6	175	195	160	245	240	240	255	255	270	260	255	265	
7	140	120	150	155	185	165	230	245	235	245	245	215	
8	220	225	215	225	230	230	240	225	230	220	200	165	
9	185	190	200	195	200	230	220	225	215	245	260	275	
10	215	205	185	245	245	250	255	250	250	245	265	260	
11	155	175	165	170	160	145	165	150	155	165	160	170	
12	240	245	215	200									
AVE	206	199	208	220	229	226	236	231	236	240	245	241	
N	12	11	12	12	11	11	11	11	11	11	11	11	
MAX	265	245	265	265	265	265	255	255	270	260	275	280	

LOS ANGELES ATMOSPHERIC REACTION STUDY - SRL/BBN

WIND DIRECTION / HALF HOUR AVERAGE / IN DEG TRUE

HUNTINGTON PARK STATION

DAY	HOUR (PST)												11/68		
	18	19	20	21	22	23	AVE		N	MAX					
1	260	265	285	280	260	260	270	315	5	0	10	0	140.4	48	350
2	250	250	245	225	105	50	30	60	15	30	35	30	127.2	48	355
3	250	220	275	280	320	20	50	60	55	50	50	10	160.4	47	355
4	270	270	260	230	185	20	60	125	130	100	35	25	156.1	48	350
5	270	275	320	65	175	25	355	30	75	5	0	0	111.1	48	355
6	280	340	110	140	40	35	40	40	5	30	25	55	120.6	42	355
7	50	345	275	5	45	50	350	345	355	0	35	10	102.8	48	355
8	150	175	50	35	30	20	5	0	35	30	0	5	154.6	46	355
9	260	270	35	60	40	180	280	0	15	50	65	175	144.2	45	355
10	275	245	250	145	90	0	15	65	35	70	60	75	140.1	47	355
11	140	160	165	215	260	265	265	280	270	280	260	270	163.4	48	335
12													175.5	28	355
AVE	223	256	206	153	141	84	156	120	90	59	52	60			
N	11	11	11	11	11	11	11	11	11	11	11	11			
MAX	280	345	320	280	320	265	355	345	355	280	260	270			

LOS ANGELES ATMOSPHERIC REACTION STUDY - SRL/BBN

TEMPERATURE / HOUR AVERAGE / IN DEG F

HUNTINGTON PARK STATION

DAY	HOUR (PST)											9/68
	0	1	2	3	4	5	6	7	8	9	10	11
1												
2												
3												
4												
5												
6												
7												
8												
9												
10												
11												
12												
13												
14												
15												
16												
17												
18												
19												
20												
21												
22												
23												
24												
25												
26										86	90	
27								72	75	80	85	
28	62	62	61	62	62	62	63	64	65	69	71	76
29	63	63	63	63	63	64	64	65	66	68	74	76
30	58	60	61	62	63	63	64	65	66	67	68	70
									66	66	67	67
AVE	61	62	62	62	63	63	64	65	67	69	74	77
N	3	3	3	3	3	3	3	3	5	5	6	6
MAX	63	63	63	63	63	64	64	65	72	75	86	90

LOS ANGELES ATMOSPHERIC REACTION STUDY - SRL/BBN

TEMPERATURE / HOUR AVERAGE / IN DEG F

HUNTINGTON PARK STATION

DAY	HOUR (PST)												9/68		
	12	13	14	15	16	17	18	19	20	21	22	23	AVE	N	MAX
1															
2															
3															
4															
5															
6															
7															
8															
9															
10															
11															
12															
13															
14															
15															
16															
17															
18															
19															
20															
21															
22															
23															
24		98	97	95	93	92							95.0	5	98
25	94	96	97	96	93	89							92.6	8	97
26	89	88	88	86	85	80							82.8	10	89
27	88	90	85	76	70	66	62	61	61	60	60	62	70.2	16	90
28	74	72	69	66	65	64	64	64	63	63	63	63	65.5	24	76
29	71	71	72	68	65	64	62	61	60	60	59	58	64.6	24	72
30	67	67	66	67	70	67	66	65	64	64	64	64	64.7	24	70
AVE	80	83	82	79	77	75	63	63	62	62	61	62			
N	6	7	7	7	7	7	4	4	4	4	4	4			
MAX	94	98	97	96	93	92	66	65	64	64	64	64			

LOS ANGELES ATMOSPHERIC REACTION STUDY - SRL/BBN

TEMPERATURE / HOUR AVERAGE / IN DEG F

HUNTINGTON PARK STATION

DAY	HOUR (PST)											10/68
	0	1	2	3	4	5	6	7	8	9	10	11
1	64	64	64	63	63	63	63	63	63	64	65	66
2	63	61	60	58	57	56	55	55	55	58	61	65
3	62	60	61	61	60	60	60	60	61	62	64	66
4	62	61	60	59	59	58	59	60	61	62	63	64
5	56	55	54	53	53	52	52	53	60	64	68	72
6	57	58	59	59	59	60	60	60	61	62	64	66
7	63	63	62	62	62	61	60	61	62	65	68	68
8	60	60	61	60	60	60	59	59	64	65	69	72
9	60	58	57	57	56	57	58	59	63	66	71	72
10	58	58	58	58	58	59	60	61	62	63	64	67
11	56	56	56	56	56	56	57	58	59	60	62	64
12	61	61	61	62	61	60	60	61	63	64	66	69
13	55	55	54	53	53	52	53	56	60	65	70	72
14	62	62	62	62	62	61	60	59	59	60	59	60
15	55	54	59	59	59	58	55	59	66	68	72	74
16	55	54	53	53	51	51	51	57	68	72	79	82
17	56	55	54	54	53	53	53	60	71	77	82	86
18	60	60	60	59	57	56	56	62	72	76	82	83
19	61	58	57	55	54	53	56	60	60	66	70	75
20	59	59	59	59	58	58	58	58	60	65	69	72
21	55	54	53	53	52	51	51	52	54	60	66	72
22	54	55	56	54	52	51	50	51	56	63	72	79
23	54	53	52	52	52	52	52	52	57	64	80	87
24	57	56	54	53	52	52	52	60	70	80	88	92
25	59	58	57	56	56	55	55	58	66	70	75	82
26	60	60	59	59	59	59	59	58	61	66	72	78
27	56	55	55	55	54	54	54	54	55	60	66	74
28	58	58	58	58	58	58	57	57	58	59	60	64
29	56	55	56	56	57	57	56	57	58	60	63	67
30	61	61	61	61	60	60	60	60	60	64	66	70
31	55	54	53	52	53	53	52	53	58	61	62	65
AVE	58	58	58	57	57	56	56	58	61	65	69	72
N	31	31	31	31	31	31	31	31	31	31	31	31
MAX	64	64	64	63	63	63	63	63	72	80	88	92

LOS ANGELES ATMOSPHERIC REACTION STUDY - SKL/BBN

TEMPERATURE / HOUR AVERAGE / IN DEG F

HUNTINGTON PARK STATION

DAY	HOUR (PST)												10/68		
	12	13	14	15	16	17	18	19	20	21	22	23	AVE	N	MAX
1	67	67	67	67	67	67	66	65	65	65	64	63	64.8	24	67
2	68	70	70	70	72	71	70	66	63	63	61	61	62.9	24	72
3	69	70	72	70	69	72	73	69	65	63	62	62	64.7	24	73
4	65	67	69	70	67	65	63	62	61	60	58	57	62.2	24	70
5	76	78	74	74	71	68	63	61	60	59	58	58	62.2	24	78
6	67	70	71	70	66	63	62	61	62	62	63	63	62.7	24	71
7	70	73	74	70	68	70	68	66	64	63	62	61	65.2	24	74
8	73	73	72	71	70	66	64	63	62	61	60	61	64.4	24	73
9	75	74	72	72	67	66	63	61	61	61	60	59	63.5	24	75
10	69	72	74	71	67	64	62	61	60	59	58	57	62.5	24	74
11	66	70	72	74	71	67	63	62	61	59	58	60	61.6	24	74
12	71	74	73	72	69	65	62	61	60	59	57	57	63.7	24	74
13	74	75	71	69	66	64	64	63	63	63	63	63	62.3	24	75
14	62	64	67	67	67	66	63	62	61	60	58	57	61.7	24	67
15	78	80	76	76	74	72	70	65	63	60	58	57	65.3	24	80
16	86	86	85	82	80	75	69	65	64	61	59	57	66.5	24	86
17	89	90	88	85	82	77	71	68	65	62	61	60	68.8	24	90
18	85	85	80	77	76	73	68	67	65	64	63	62	68.7	24	85
19	79	80	77	74	72	68	64	62	61	59	58	59	64.1	24	80
20	75	73	72	70	68	64	60	59	58	57	56	56	62.6	24	75
21	78	76	72	69	68	63	60	59	58	57	57	56	60.2	24	78
22	82	80	79	77	73	69	63	59	57	57	57	56	62.6	24	82
23	92	83	84	85	81	73	66	63	62	60	58	58	65.5	24	92
24	97	96	92	85	84	77	72	68	66	63	62	60	70.3	24	97
25	88	81	78	77	78	72	64	62	61	61	60	60	66.2	24	88
26	81	80	75	72	70	64	62	60	59	58	57	56	64.3	24	81
27	79	77	77	74	73	69	64	62	61	60	60	59	62.8	24	79
28	68	74	77	70	66	60	59	59	58	58	56	57	61.0	24	77
29	70	67	66	70	67	63	63	63	63	61	60	61	61.3	24	70
30	70	70	68	69	69	65	62	61	59	58	57	56	62.8	24	70
31	65	65	66	67	66	64	61	60	59	59	59	60	59.2	24	67
AVE	75	75	75	73	71	68	65	63	62	60	59	59			
N	31	31	31	31	31	31	31	31	31	31	31	31			
MAX	97	96	92	85	84	77	73	69	66	65	64	63			

LOS ANGELES ATMOSPHERIC REACTION STUDY - SRL/BBN

TEMPERATURE / HOUR AVERAGE / IN DEG F

HUNTINGTON PARK STATION

DAY	HOUR (PST)											11/68
	0	1	2	3	4	5	6	7	8	9	10	11
1	59	59	58	57	54	53	52	54	59	64	66	68
2	53	52	51	50	49	49	48	50	56	60	64	68
3	56	55	54	53	52	51	50	51	58	61	64	68
4	59	59	60	60	59	59	59	59	60	62	65	68
5	52	51	51	50	49	48	48	50	56	60	63	66
6	50	50	49	48	47	46	46	50	55	60	64	70
7	56	57	57	57	55	52	52	52	58	63	66	69
8	54	53	52	51	50	50	50	52	60	69	74	78
9	54	53	53	53	52	52	50	52	62	68	72	76
10	55	54	53	53	52	51	51	52	60	68	74	78
11	59	59	57	56	54	53	53	52	59	67	70	76
12	58	57	56	56	55	56	56	57	61	64	65	66
AVE	55	55	54	54	52	52	51	53	59	64	67	71
N	12	12	12	12	12	12	12	12	12	12	12	12
MAX	59	59	60	60	59	59	59	59	62	69	74	78

LOS ANGELES ATMOSPHERIC REACTION STUDY - SRL/BBN

TEMPERATURE / HOUR AVERAGE / IN DEG F

HUNTINGTON PARK STATION

DAY	HOUR (PST)												11/68		
	12	13	14	15	16	17	18	19	20	21	22	23	AVE	N	MAX
1	68	70	67	67	66	62	59	59	58	57	55	54	60.2	24	70
2	70	71	72	70	65	62	61	60	58	57	55	55	58.6	24	72
3	68	68	66	66	65	60	59	60	60	60	59	59	59.3	24	68
4	69	69	68	67	65	60	58	57	56	54	53	52	60.7	24	69
5	68	69	69	68	66	61	59	57	55	53	52	51	57.2	24	69
6	73	76	72	67	65	61	59	58	58	56	55	56	58.0	24	76
7	71	72	73	72	68	65	62	59	58	57	56	55	60.9	24	73
8	80	80	80	79	74	70	66	63	60	58	57	55	63.1	24	80
9	80	82	82	80	77	70	66	63	61	59	58	57	63.8	24	82
10	82	85	87	85	82	76	70	66	63	60	60	61	65.7	24	87
11	76	77	77	76	73	70	66	65	62	60	60	59	64.0	24	77
12	66	67	67	68									60.9	16	68
AVE	73	74	73	72	70	65	62	61	59	57	56	56			
N	12	12	12	12	11	11	11	11	11	11	11	11			
MAX	82	85	87	85	82	76	70	66	63	60	60	61			

LOS ANGELES ATMOSPHERIC REACTION STUDY - SRL/BBN

RELATIVE HUMIDITY / HOUR AVERAGE / IN PER CENT

HUNTINGTON PARK STATION

DAY	HOUR (PST)											9/68
	0	1	2	3	4	5	6	7	8	9	10	11
1												
2												
3												
4												
5												
6												
7												
8												
9												
10												
11												
12												
13												
14												
15												
16												
17												
18												
19												
20												
21												
22												
23												
24												
25												
26												
27												
28	93	92	91	90	87	85	80	78	73	69	64	55
29	73	75	76	76	76	76	75	72	69	66	63	59
30	96	100	100	100	92	85	80	78	75	68	63	60
AVE	87	89	89	89	85	82	78	76	72	68	63	58
N	3	3	3	3	3	3	3	3	3	3	3	3
MAX	96	100	100	100	92	85	80	78	75	69	64	60

LOS ANGELES ATMOSPHERIC REACTION STUDY - SRL/BBN

RELATIVE HUMIDITY / HOUR AVERAGE / IN PER CENT

HUNTINGTON PARK STATION

DAY	HOUR (PST)												9/68		
	12	13	14	15	16	17	18	19	20	21	22	23	AVE	N	MAX
1															
2															
3															
4															
5															
6															
7															
8															
9															
10															
11															
12															
13															
14															
15															
16															
17															
18															
19															
20															
21															
22															
23															
24															
25															
26															
27							87	94	94	95	95	96	93.5	6	96
28	45	40	46	48	60	69	73	72	72	72	73	72	70.8	24	93
29	55	49	49	48	45	60	67	73	80	85	90	94	68.8	24	94
30	55	54	55	54	49	52	54	56	60	61	62	63	69.7	24	100
AVE	52	48	50	50	51	60	70	74	76	78	80	81			
N	3	3	3	3	3	3	4	4	4	4	4	4			
MAX	55	54	55	54	60	69	87	94	94	95	95	96			

LOS ANGELES ATMOSPHERIC REACTION STUDY - SRL/BBN

RELATIVE HUMIDITY / HOUR AVERAGE / IN PER CENT

HUNTINGTON PARK STATION

DAY	HOUR (PST)											10/68
	0	1	2	3	4	5	6	7	8	9	10	11
1	65	69	70	75	76	76	77	76	74	68	70	60
2	78	81	85	92	98	100	100	100	100	92	74	62
3	90	99	88	81	85	85	94	94	85	82	72	58
4	90	91	95	98	98	98	97	96	92	87	80	69
5	92	96	99	100	99	100	100	100	80	62	50	44
6	96	98	96	96	98	95	94	93	90	86	78	70
7	82	82	80	81	82	83	86	84	76	66	52	46
8	88	90	87	85	88	86	90	92	70	58	44	36
9	92	94	96	100	100	97	95	94	76	62	48	45
10	94	94	95	96	96	94	90	84	78	74	70	65
11	94	95	98	98	98	98	96	92	88	80	70	60
12	86	82	81	80	80	82	82	80	55	54	50	40
13	93	95	96	98	98	88	70	56	44	38	35	40
14	89	90	91	88	96	100	98	98	100	86	82	80
15	96	96	40	39	36	36	45	50	28	40	26	16
16	50	55	59	57	62	54	56	40	20	15	10	8
17	53	52	50	50	49	48	49	40	21	15	10	7
18	50	38	34	36	37	37	36	32	18	12	11	11
19	90	86	90	94	92	98	94	94	90	70	52	40
20	92	93	92	90	86	86	86	86	82	70	52	42
21	93	93	93	96	97	98	100	100	99	85	50	30
22	91	98	98	98	98	97	97	97	85	54	32	20
23	95	95	95	95	95	95	95	95	85	50	12	6
24	73	77	82	82	84	85	81	32	18	9	4	2
25	60	78	77	74	78	72	60	45	44	33	24	20
26	88	91	92	92	93	92	92	92	78	54	30	26
27	100	100	100	100	100	100	100	100	100	100	100	75
28	100	100	100	100	100	100	100	100	100	100	100	70
29	100	100	100	100	100	100	100	100	100	100	95	80
30	100	100	100	100	100	100	100	100	100	100	90	80
31	100	100	100	100	100	100	100	100	100	86	80	62
AVE	86	87	86	86	87	86	86	82	73	64	53	44
N	31	31	31	31	31	31	31	31	31	31	31	31
MAX	100	100	100	100	100	100	100	100	100	100	100	80

LOS ANGELES ATMOSPHERIC REACTION STUDY - SRL/BBN

RELATIVE HUMIDITY / HOUR AVERAGE / IN PER CENT

HUNTINGTON PARK STATION

DAY	HOUR (PST)												10/68		
	12	13	14	15	16	17	18	19	20	21	22	23	AVE	N	MAX
1	53	54	55	62	58	54	59	63	62	60	66	72	65.6	24	77
2	48	43	52	49	46	46	48	60	70	77	82	84	73.6	24	100
3	50	45	43	48	54	45	42	55	76	79	85	90	71.9	24	99
4	62	60	59	58	52	52	55	61	70	75	79	86	77.5	24	98
5	39	38	46	50	54	66	84	88	92	94	95	95	77.6	24	100
6	64	58	50	48	50	60	76	80	87	88	84	82	79.9	24	98
7	38	45	54	50	52	58	60	63	67	70	78	82	67.4	24	86
8	39	40	43	46	50	61	70	77	84	85	90	94	70.5	24	94
9	38	40	48	50	62	70	80	83	87	87	89	91	76.0	24	100
10	55	47	42	37	45	55	68	76	81	88	89	91	75.2	24	96
11	53	44	38	36	50	60	70	84	86	89	92	93	77.6	24	98
12	34	34	37	40	49	57	67	71	78	82	88	90	65.8	24	90
13	50	54	62	77	84	90	88	86	83	84	86	90	74.4	24	98
14	77	70	60	60	58	62	80	86	86	88	90	92	83.6	24	100
15	12	10	22	24	25	30	20	48	53	60	67	72	41.3	24	96
16	4	5	7	9	9	10	25	30	30	40	47	50	31.3	24	62
17	5	5	9	11	15	24	44	54	66	72	72	55	36.5	24	72
18	10	10	25	30	28	42	48	60	72	88	91	88	39.3	24	91
19	26	20	34	43	49	46	50	60	78	88	90	88	69.2	24	98
20	32	30	38	33	45	64	80	84	85	87	88	90	71.6	24	93
21	20	30	38	46	50	67	80	82	88	90	92	92	75.4	24	100
22	18	18	20	22	28	40	70	85	88	95	95	95	68.3	24	98
23	3	18	15	14	16	22	50	72	80	84	85	78	60.4	24	95
24	4	18	18	15	18	24	38	50	59	61	60	56	43.8	24	85
25	14	39	44	42	40	50	80	90	95	92	95	90	59.8	24	95
26	40	50	60	70	80	100	100	100	100	100	100	100	80.0	24	100
27	50	45	47	45	50	58	65	100	100	100	100	100	84.8	24	100
28	60	52	60	70	92	100	100	100	100	100	100	100	91.8	24	100
29	64	55	77	75	58	70	92	100	100	100	100	100	90.2	24	100
30	62	59	60	72	65	66	70	95	100	100	100	100	88.3	24	100
31	62	60	55	59	62	75	100	100	100	100	100	100	87.5	24	100
AVE	38	39	43	45	48	56	66	76	81	84	86	87			
N	31	31	31	31	31	31	31	31	31	31	31	31			
MAX	77	70	77	77	92	100	100	100	100	100	100	100			

LOS ANGELES ATMOSPHERIC REACTION STUDY - SRL/BBN

RELATIVE HUMIDITY / HOUR AVERAGE / IN PER CENT

HUNTINGTON PARK STATION

DAY	HOUR (PST)											11/68
	0	1	2	3	4	5	6	7	8	9	10	11
1	100	100	100	100	100	100	100	100	95	70	52	44
2	100	100	100	100	100	100	100	100	90	74	60	50
3	100	100	100	100	100	100	100	100	100	90	74	62
4	100	100	100	100	100	100	100	100	100	100	85	70
5	100	100	100	100	100	100	100	100	100	85	75	57
6	100	100	100	100	100	100	100	100	88	60	45	35
7	98	92	100	100	100	100	100	100	92	96	80	62
8	100	100	100	100	100	100	100	100	70	40	24	18
9	95	90	80	65	70	70	80	84	43	38	35	26
10	100	100	100	100	100	100	100	100	62	44	32	28
11	100	100	100	100	100	100	100	100	100	65	45	38
12	100	100	100	100	100	100	100	100	100	80	76	73
AVE	99	98	98	97	98	98	98	99	87	70	57	47
N	12	12	12	12	12	12	12	12	12	12	12	12
MAX	100	100	100	100	100	100	100	100	100	100	85	73

LOS ANGELES ATMOSPHERIC REACTION STUDY - SRL/BBN

RELATIVE HUMIDITY / HOUR AVERAGE / IN PER CENT

HUNTINGTON PARK STATION

DAY	HOUR (PST)												11/68		
	12	13	14	15	16	17	18	19	20	21	22	23	AVE	N	MAX
1	44	42	58	60	64	72	100	100	100	100	100	100	83.4	24	100
2	44	43	44	50	72	90	98	100	100	100	100	100	84.0	24	100
3	62	70	78	80	90	100	100	100	100	100	100	100	91.9	24	100
4	56	57	59	64	68	90	100	100	100	100	100	100	89.5	24	100
5	50	50	52	48	50	74	100	100	100	100	100	100	85.0	24	100
6	30	25	45	58	54	70	100	100	100	100	100	100	79.6	24	100
7	52	52	46	60	70	74	70	88	100	100	100	100	84.7	24	100
8	16	16	16	18	25	40	60	80	85	85	80	88	65.0	24	100
9	22	22	30	27	30	45	80	95	100	100	100	100	63.6	24	100
10	25	22	27	32	34	40	46	60	70	82	90	100	66.4	24	100
11	40	30	35	32	32	40	49	60	100	100	100	100	73.6	24	100
12	71	68	67	65									87.5	16	100
AVE	43	41	46	49	54	67	82	89	96	97	97	99			
N	12	12	12	12	11	11	11	11	11	11	11	11			
MAX	71	70	78	80	90	100	100	100	100	100	100	100			

SECTION 2

EL MONTE GROUND MEASUREMENTS

Carbon Monoxide in Ground Level Samples

El Monte, California

<u>Date</u> <u>1968</u>	<u>Time</u> <u>PST</u>	<u>Carbon</u> <u>Monoxide</u> <u>ppm</u>
10/1	1518	1.1
10/2	0829	6.9
	1115	1.7
	1326	1.7
10/3	0825	2.3
	1202	0.6
	1312	2.4
10/10	1051	0.7
10/11	1000	1.0
	1212	1.9
	1455	1.9
10/14	0826	1.0
	1230	T
10/15	0745	4.0
	0845	3.3
	0943	1.4
	1045	0.9
	1213	T
	1325	T
	1415	T
	1500	T
10/16	0735	6.3
	0835	3.1
	0934	1.6
	1030	1.2
	1135	T
	1245	T
	1345	T
	1450	1.2
	1533	T
10/17	0802	6.2
	1008	1.3
	1215	T
	1300	T
	1430	T
10/18	0825	2.1
	0920	1.7

T = < 0.5 ppm carbon monoxide

Carbon Monoxide in Ground Level Samples

El Monte, California

<u>Date</u> <u>1968</u>	<u>Time</u> <u>PST</u>	<u>Carbon</u> <u>Monoxide</u> <u>ppm</u>
10/21	0745	9.2
	0825	5.6
	0915	2.9
	1025	4.6
	1150	3.4
	1230	2.1
	1335	3.4
	1515	3.5
10/22	0725	12.6
	0818	7.6
	0845	5.5
	0935	6.3
	1020	2.5
	1101	3.8
	1155	8.4
	1240	8.0
	1330	8.8
	1406	4.2
	1430	3.8
10/23	0742	11.7
	0820	8.6
	0842	5.9
	0915	6.3
	1012	3.5
	1042	2.7
	1210	1.0
	1255	T
	1335	T
	1355	6.6
	1430	6.6
10/24	0700	10.0
	0800	8.7
	0840	5.2
	0925	1.8
	1130	T
	1210	T
	1252	T
	1402	2.5

T = < 0.5 ppm carbon monoxide

Carbon Monoxide in Ground Level Samples

El Monte, California

<u>Date</u> <u>1968</u>	<u>Time</u> <u>PST</u>	<u>Carbon</u> <u>Monoxide</u> <u>ppm</u>
10/25	0655	10.5
	0730	14.4
	0810	11.2
	0855	4.3
	1010	3.5
	1050	5.0
	1200	3.9
	1237	4.2
	1330	1.2
	1355	4.7
	1515	3.5
10/28	0835	7.2
	0956	4.0
	1035	5.0
	1132	10.3
	1231	4.1
	1305	2.0
	1345	5.3
	1450	6.0
	1547	2.5
10/29	0824	4.2
	0915	4.2
	1017	3.8
	1116	7.0
	1215	2.1
	1245	3.0
	1346	1.4
	1435	1.2
	1529	0.5
	1625	1.2
10/30	0915	T
	0955	1.1
	1035	1.1
	1140	T
	1235	T
	1350	T
	1410	T
	1510	T
	1540	1.5

T = < 0.5 ppm carbon monoxide

Carbon Monoxide in Ground Level Samples

El Monte, California

<u>Date</u> <u>1968</u>	<u>Time</u> <u>PST</u>	<u>Carbon</u> <u>Monoxide</u> <u>ppm</u>
10/31	0810	T
	0915	5.8
	0945	0.5
	1015	0.7
	1120	0.7
	1215	T
	1250	1.2
	1335	T
	1420	1.5
	1500	1.7
11/1	0810	T
	0911	1.8
	1026	1.8
	1124	1.8
	1430	1.4
11/4	0817	2.0
	0913	4.5
	0945	5.5
	1030	2.5
	1110	3.5
	1225	2.5
	1320	1.0
	1440	2.0
	1550	2.0
	1620	1.0
11/5	0825	3.6
	0916	3.1
	1026	3.1
	1125	1.5
	1223	T
	1328	2.1
	1520	3.6
	1552	2.1
11/6	0830	T
	0940	1.9
	1050	3.8
	1125	1.0
	1212	T
	1317	3.8
	1403	T
	1450	1.4

T = < 0.5 ppm carbon monoxide

Carbon Monoxide in Ground Level Samples

El Monte, California

<u>Date</u> <u>1968</u>	<u>Time</u> <u>PST</u>	<u>Carbon</u> <u>Monoxide</u> <u>ppm</u>
11/7	0915	2.8
	0957	3.3
	1043	1.4
	1129	1.4
	1305	0.9
	1346	2.3
	1535	1.9
11/8	0825	4.8
	0926	2.4
	1001	1.6
	1120	T
	1205	T
	1321	1.2
	1433	T

T = < 0.5 ppm Carbon Monoxide

LOS ANGELES ATMOSPHERIC REACTION STUDY - SRL/BRN

TOTAL OXIDANTS / HALF HOUR AVERAGE / IN PPHM

EL MONTE STATION

DAY	HOUR (PST)						9/68					
	0	1	2	3	4	5						
1												
2												
3												
4												
5												
6												
7												
8												
9												
10												
11												
12												
13												
14												
15												
16												
17												
18												
19												
20												
21												
22												
23												
24	1	1	1	1	1	1	1	1	1	1	1	1
25	1	1	1	1	1	1	1	1	1	1	1	1
26	1	1	1	1	1	1	1	1	1	1	1	1
27	1	1	1	1	1	1	1	1	1	1	1	1
28	1	1	1	1	1	1	1	1	1	1	1	1
29	3	3	3	3	3	3	3	3	3	3	3	3
30	1	1	1	1	1	1	1	1	1	1	1	1
AVE	1	1	1	1	1	1	1	1	1	1	1	1
N	7	7	7	7	7	7	7	7	7	7	7	7
MAX	3	3	3	3	3	3	3	3	3	3	3	3

LOS ANGELES ATMOSPHERIC REACTION STUDY - SRL/BRN

TOTAL OXIDANTS / HALF HOUR AVERAGE / IN PPHM

EL MONTE STATION

DAY	HOUR (PST)						9/68					
	6	7	8	9	10	11						
1												
2												
3												
4												
5												
6												
7												
8												
9												
10												
11												
12												
13												
14												
15												
16												
17												
18												
19												
20												
21												
22												
23						1	2	2	2	2	2	2
24	1	1	1	1	1	1	3	5	4	7	7	7
25	1	1	1	1	1	1	3	4	6	7	7	9
26	1	1	1	1	1	2	2	2	7	13	18	21
27	1	1	1	1	1	1	1	2	3	6	7	10
28	1	1	1	1	1	1	1	2	3	4	6	8
29	3	2	2	2	2	2	3	3	3	3	3	3
30	1	1	1	1	1	1	1	1	1	1	1	0
AVE	1	1	1	1	1	1	2	3	4	5	6	8
N	7	7	7	7	7	8	8	8	8	8	8	8
MAX	3	2	2	2	2	2	3	5	7	13	18	21

LOS ANGELES ATMOSPHERIC REACTION STUDY - SRL/BBN

TOTAL OXIDANTS / HALF HOUR AVERAGE / IN PPHM

EL MONTE STATION

DAY	HOUR (PST)											9/68
	12	13	14	15	16	17						
1												
2												
3												
4												
5												
6												
7												
8												
9												
10												
11												
12												
13												
14												
15												
16												
17												
18												
19												
20												
21												
22												
23	3	4	5	5	6	8	10	10	10	8	6	3
24	7	8	9	10	14	16	12	7	5	6	5	2
25	12	14	16	18	14	12	11	12	10	10	7	6
26	27	31	31	25	19	19	19	16	14	15	12	7
27	14	19	22	22	24	20	13	11	8	6	5	3
28	10	10	12	9	4	4	4	4	3	2	1	1
29	3	3	4	5	5	5	5	5	4	3	2	2
30	0	1	1	3	3	3	2	2	1	1	1	1
AVE	10	11	13	12	11	11	10	8	7	6	5	3
N	8	8	8	8	8	8	8	8	8	8	8	8
MAX	27	31	31	25	24	20	19	16	14	15	12	7

LOS ANGELES ATMOSPHERIC REACTION STUDY - SRL/BBN

TOTAL OXIDANTS / HALF HOUR AVERAGE / IN PPHM

EL MONTE STATION

DAY	9/68														
	18	19	20	21	22	23							AVE	N	MAX
1															
2															
3															
4															
5															
6															
7															
8															
9															
10															
11															
12															
13															
14															
15															
16															
17															
18															
19															
20															
21															
22															
23	1	1	1	1	1	1	1	1	1	1	1	1	3.3	31	10
24	1	1	1	1	1	1	1	1	1	1	1	1	3.4	48	16
25	3	3	2	2	2	2	2	2	1	1	1	1	4.5	48	18
26	3	2	2	1	1	1	1	1	1	1	1	1	6.9	48	31
27	2	2	2	1	1	1	1	1	1	1	1	1	4.8	48	24
28	3	3	3	3	3	3	3	2	2	3	3	3	2.9	48	12
29	1	1	1	1	1	1	1	1	1	1	1	1	2.6	48	5
30	1	1	0	0	0	0	0	0	0	0	0	0	.9	48	3
AVE	2	2	2	1	1	1	1	1	1	1	1	1			
N	8	8	8	8	8	8	8	8	8	8	8	8			
MAX	3	3	3	3	3	3	3	2	2	3	3	3			

LOS ANGELES ATMOSPHERIC REACTION STUDY - SRL/BBN

TOTAL OXIDANTS / HALF HOUR AVERAGE / IN PPHM

EL MONTE STATION

DAY	HOUR (PST)											10/68
	0		1		2		3		4		5	
1	0	0	0	0	0	0	0	0	0	0	0	0
2	0	0	0	0	0	0	0	0	0	0	0	0
3	0	0	0	0	0	0	0	0	0	0	0	0
4	1	1	1	1	1	1	1	1	1	1	1	1
5	1	1	1	1	1	1	1	1	1	1	1	1
6	1	1	1	1	1	1	1	1	1	1	1	1
7	1	1	2	3	3	4	3	3	2	1	1	1
8	1	1	1	1	1	1	1	1	1	1	1	1
9	1	1	1	1	1	1	1	1	1	1	1	1
10	1	1	1	1	0	0	0	0	0	0	0	0
11	0	0	0	0	0	0	0	0	0	0	0	0
12	0	1	1	1	1	1	1	1	1	1	1	1
13	1	1	1	1	1	1	1	1	0	0	0	0
14	0	0	0	0	0	0	0	0	0	0	0	0
15	1	1	1	1	1	1	1	1	1	1	1	1
16	0	0	0	0	0	0	0	0	0	0	0	0
17	1	1	1	1	1	1	1	1	1	1	1	1
18	1	1	0	0	0	0	0	0	0	0	0	0
19	1	1	0	0	0	0	1	1	1	1	1	1
20	0	0	0	0	0	0	0	0	0	0	1	1
21	1	1	1	1	1	1	1	0	0	0	1	1
22	1	1	1	1	1	1	1	1	1	1	1	1
23	1	1	1	1	1	1	1	1	1	1	1	1
24	1	1	1	1	1	1	1	0	0	0	0	0
25	1	1	1	1	1	1	1	1	1	1	1	1
26	2	2	1	1	1	1	1	1	1	1	1	1
27	1	1	1	1	1	1	1	1	1	1	1	1
28	1	1	1	1	1	1	1	1	1	1	1	1
29	1	1	1	1	1	1	1	1	1	1	1	1
30	0	0	0	0	0	0	0	0	0	0	0	0
31	0	0	0	0	0	0	0	0	0	0	0	0
AVE	1	1	1	1	1	1	1	1	1	1	1	1
N	31	31	31	31	31	31	31	31	31	31	31	31
MAX	2	2	2	3	3	4	3	3	2	1	1	1

LOS ANGELES ATMOSPHERIC REACTION STUDY - SRL/BBN

TOTAL OXIDANTS / HALF HOUR AVERAGE / IN PPHM

EL MONTE STATION

DAY	10/68										
	6	7	8	9	10	11	12	13	14	15	16
1	0	0	0	0	0	0	0	0	0	0	0
2	0	0	0	0	0	0	1	1	1	2	3
3	0	0	0	0	0	0	0	0	1	2	3
4	1	1	1	1	0	0	0	1	1	2	2
5	1	1	1	1	1	1	1	2	4	7	9
6	1	1	1	1	1	2	2	3	3	4	5
7	1	1	1	1	2	2	1	1	1	1	3
8	1	1	1	1	1	1	3	4	5	6	8
9	1	1	1	1	1	1	1	3	4	5	9
10	0	0	1	1	1	0	1	1	1	1	1
11	1	1	1	1	1	1	1	1	1	1	2
12	1	1	1	1	1	3	4	4	5	6	8
13	0	0	1	1	1	1	2	3	4	6	5
14	0	0	0	0	1	1	1	1	2	2	2
15	1	1	1	1	1	1	1	1	2	2	3
16	0	0	0	0	1	1	1	1	3	3	4
17	1	1	1	1	1	1	1	2	2	3	4
18	0	0	0	0	0	0	0	1	1	3	4
19	1	1	1	1	1	1	1	1	1	3	6
20	0	0	0	0	1	1	1	1	3	3	6
21	1	1	1	1	1	1	1	4	5	4	8
22	1	1	1	1	1	1	1	3	7	10	9
23	1	0	1	1	1	1	3	5	9	12	12
24	0	0	0	1	1	1	2	4	8	8	8
25	1	1	1	1	1	1	1	1	1	2	4
26	1	1	1	1	1	1	1	2	4	4	6
27	1	1	1	1	1	2	3	7	10	11	16
28	1	1	1	1	1	1	1	1	2	2	3
29	1	1	1	1	1	1	1	2	2	4	7
30	0	0	0	0	0	0	0	0	0	0	2
31	0	0	0	0	1	1	1	1	1	1	1
AVE	1	1	1	1	1	1	1	2	3	4	5
N	31	31	31	31	31	31	31	30	30	31	31
MAX	1	1	1	1	2	3	4	7	10	12	16

LOS ANGELES ATMOSPHERIC REACTION STUDY - SRL/BBN

TOTAL OXIDANTS / HALF HOUR AVERAGE / IN PPHM

EL MONTE STATION

DAY	HOUR (PST)											10/68
	12		13		14		15		16		17	
1	0	0	0	0	1	1	1	1	1	0	1	0
2	5	6	7	7	6	5	6	5	4	3	3	1
3	4	4	4	5	5	4	1	1	1	1	1	1
4	2	3	4	4	4			4	5	4	2	2
5	13	15	17	20	21	18	17	17	13	10	8	5
6	7	7	7	9	12	11	11	11	9	8	8	7
7	3	3	5	5	6	3	5	5	5	4	3	3
8	10	12	14	12	11	9	7	7	6	6	4	3
9	9	7	7	7	7	6	7	2	2	1	1	1
10	2	3	5	7	9	9	11	12	11	6	2	1
11	4	5	9	8	10	11	11	12	10	8	4	1
12	11	12	14	15	15	10	9	8	8	6	5	3
13	6	7	11	10	7	6	4	2	2	1	1	1
14	2	2	3	3	3	3	3	3	3	2	1	1
15	4	5	6	7	6	4	2	2	1	1	1	0
16	6	7	7	6	7	8	14	11	6	4	2	1
17	4	4	6	6	7	8	10	7	4	3	3	1
18	6	9	11	10	9	5		3	2	1	1	1
19	12	14	14	13	10	10	10	9	7	5	3	2
20	9	10	11	12	9	10	9	7	5	5	3	1
21	13	16	18	19	18	19	15	12	10	8	7	2
22	20	25	33	35	28	23	21	15	11	9	5	2
23	12	14	12	14	26	29	25	20	15	8	3	1
24	8	8	9	12	15	12	13	13	11	8	6	4
25	3	17	21	20	18	17	17	18	16	12	8	5
26	17	20	21	24	28	30	22	20	17	15	10	5
27	20	24	26	26	19	16	14	12	9	7	4	2
28	9	13	16	17	15	16	17	10	6	3	2	1
29	11	11	8	5	6	6	6	6	5	2	1	0
30	3	4	4	4	3	0	0	0	0	1	1	1
31	1	1	2	2	2	3	3	3	2	1	1	1
AVE	8	9	11	11	11	10	10	8	7	5	3	2
N	31	31	31	31	31	30	29	31	31	31	31	31
MAX	20	25	33	35	28	30	25	20	17	15	10	7

LOS ANGELES ATMOSPHERIC REACTION STUDY - SRL/BBN

TOTAL OXIDANTS / HALF HOUR AVERAGE / IN PPHM

EL MONTE STATION

DAY	HOUR (PST)												10/68		
	18	19	20	21	22	23							AVE	N	MAX
1	1	0	0	0	0	0	0	0	0	0	0	0	.2	48	1
2	1	0	0	0	0	0	0	0	0	0	0	0	1.5	48	7
3	1	1	1	1	1	1	1	1	1	1	1	1	1.1	48	5
4	2	1	1	1	1	1	1	1	1	1	1	1	1.5	46	5
5	3	2	2	1	1	1	1	1	1	1	1	1	5.0	48	21
6	5	3	2	1	1	1	1	1	1	1	1	1	3.5	48	12
7	3	2	3	3	3	1	1	1	1	1	1	1	2.4	48	6
8	2	1	1	1	1	1	1	1	1	1	1	1	3.5	48	14
9	1	1	1	1	1	1	1	1	1	1	1	1	2.5	48	11
10	1	1	1	1	1	1	1	1	1	1	0	0	2.1	48	12
11	1	1	1	1	1	1	1	1	1	1	1	1	2.5	48	12
12	2	1	1	1	1	1	1	0	1	1	1	1	3.8	48	15
13	1	1	0	0	0	0	0	0	0	0	0	0	2.0	48	11
14	1	1	1	1	1	1	1	1	1	1	1	1	1.1	48	3
15	0	0	0	0	0	0	0	0	0	0	0	0	1.4	46	7
16	1	1	1	1	1	1	1	1	1	1	1	1	2.3	48	14
17	1	1	1	1	1	1	1	1	1	1	1	1	2.3	48	10
18	1	1	1	1	1	1	1	1	1	1	0	0	1.8	47	11
19	1	1	1	1	0	0	0	0	0	0	0	0	3.1	48	14
20	1	1	1	1	1	1	1	1	1	1	1	1	2.7	48	12
21	1	1	1	1	1	1	1	1	1	1	1	1	4.5	48	19
22	1	1	1	1	1	1	1	1	1	1	1	1	6.2	48	35
23	1	1	1	1	1	1	1	1	1	1	1	1	5.5	48	29
24	2	2	1	1	1	1	1	1	1	1	1	1	3.8	48	15
25	3	2	3	2	2	2	2	2	2	2	2	1	4.8	48	21
26	2	1	1	1	1	1	1	1	1	1	1	1	6.0	48	30
27	1	1	1	1	1	1	1	1	1	1	1	1	5.7	48	26
28	1	1	1	1	1	1	1	1	1	1	1	1	3.5	48	17
29	0	0	0	0	0	0	0	0	0	0	0	0	2.3	48	11
30	1	1	1	1	1	1	1	1	1	1	1	0	.8	48	4
31	1	1	1	1	1	1	1	1	1	1	1	1	.9	48	3
AVE	1	1	1	1	1	1	1	1	1	1	1	1			
N	31	31	31	31	31	31	31	31	31	31	31	31			
MAX	5	3	3	3	3	2	2	2	2	2	2	1			

LOS ANGELES ATMOSPHERIC REACTION STUDY - SRL/BBN

TOTAL OXIDANTS / HALF HOUR AVERAGE / IN PPHM

EL MONTE STATION

DAY	11/68										
	HOUR (PST)										
	0		1		2		3		4		5
1	1	0	1	1	1	1	1	1	1	1	1
2	1	1	1	1	1	0	0	0	0	0	0
3	0	0	0	0	0	0	0	0	0	0	0
4	0	0	0	0	0	0	0	0	0	0	0
5	0	0	0	0	0	0	0	0	0	0	0
6	1	1	1	1	1	0	0	0	0	0	0
7	1	1	1	1	1	1	1	1	1	1	1
8	1	1	1	1	1	0	0	0	0	0	0
9	1	1	1	1	1	1	0	0	0	0	0
10	1	1	1	1	1	1	1	1	1	1	1
11	1	1	1	1	1	1	1	1	1	1	1
12	0	0	0	0	0	0	0	0	0	0	0
13	0	0	0	0	0	0	0	0	0	0	0
14	0	0	0	0	0	1	1	0	0	0	0
15	1	1	1	1	1	0	1	1	1	2	1
AVE	1	1	1	1	1						
N	15	15	15	15	15	15	15	15	15	15	15
MAX	1	1	1	1	1	1	1	1	1	2	1

LOS ANGELES ATMOSPHERIC REACTION STUDY - SRL/BBN

TOTAL OXIDANTS / HALF HOUR AVERAGE / IN PPHM

EL MONTE STATION

DAY	HOUR (PST)										11/68	
	6		7		8		9		10		11	
1	1	1	1	1	1	1	1		1	2	2	3
2	0	0	0	0	1	1	1	1	3	5	5	7
3	0	0	0	0	0	1	1	1	1	1	3	4
4	0	0	0	0	0	0	0	0	1	1	2	2
5	0	0	0	0	0	0	1	1	1	1	1	1
6	0	0	0	0	0	1	1	1	1	2	2	2
7	1	1	0	0	1	1	1	2	3	3	4	7
8	0	0	0	0	0	1	1	2	2	3	3	4
9	0	0	0	0	0	0	0	0	1	1	2	3
10	1	1	0	0	1	1	2	4	6	8	8	9
11	0	0	0	0	0	0	0	1	1	1	2	5
12	0	0	0	0	0	0	0	0	1	1	1	1
13	0	0	0	0	0	0	0	0	1	1	2	2
14	0	0	0	0	0	1	1	1	1	0	0	0
15	1	1	1	0	0	1	1					
AVE						1	1	1	2	2	3	4
N	15	15	15	15	15	15	15	13	14	14	14	14
MAX	1	1	1	1	1	1	2	4	6	8	8	9

LOS ANGELES ATMOSPHERIC REACTION STUDY - SRL/BBN

TOTAL OXIDANTS / HALF HOUR AVERAGE / IN PPHM

EL MONTE STATION

DAY	HOUR (PST)											11/68
	12		13		14		15		16		17	
1	4	3	5	5	5	5	4	4	3	3	2	1
2	7	8	10	11	11	12	12	12	10	8	4	2
3	4	4	4	5	5	3	2	2	2	1	1	0
4	2	3	4	4	4	2	2	1	0	0	0	0
5	1	2	3	4	5	5	6	3	3	3	2	1
6	4	6	6	5	6	6	7	9	8	7	2	1
7	9	9	9	9	9	9	8	5	4	2	1	1
8	4	5	7	9	6	5	5	3	2	1	1	1
9	5	8	11	13	11	12	15	12	9	6	3	1
10	10	11	13	12	11	9	12	17	19	14	10	4
11	6	7	7	6	4	2	1	1	1	1	1	1
12	2	2	2	3	3	2	2	1	1	1	0	0
13	3	4	4	5	6	6	5	1	1	1	0	0
14	1	2	2	2	3	3	3	2	1	0	0	0
15												
AVE	4	5	6	7	6	6	6	5	5	3	2	1
N	14	14	14	14	14	14	14	14	14	14	14	14
MAX	10	11	13	13	11	12	15	17	19	14	10	4

LOS ANGELES ATMOSPHERIC REACTION STUDY - SRL/BBN

TOTAL OXIDANTS / HALF HOUR AVERAGE / IN PPHM

EL MONTE STATION

DAY	HOUR (PST)												11/68		
	18		19		20		21		22		23		AVE	N	MAX
1	1		1		1		1		1		1		1.7	47	5
2	1	1	0	0	0	0	0	0	0	0	0	0	2.9	48	12
3	0	0	0	0	0	0	0	0	0	0	0	0	.9	48	5
4	0	0	0	0	0	0	0	0	0	0	0	0	.6	48	4
5	1	1	1	1	1	1	1	1	1	1	1	1	1.2	48	6
6	1	1	1	1	1	1	1	1	1	1	1	1	2.0	48	9
7	1	1	1	1	1	1	1	1	1	1	1	1	2.6	48	9
8	1	1	1	1	1	1	1	1	1	1	1	1	1.7	48	9
9	1	1	1	1	1	1	1	1	1	1	1	1	2.7	48	15
10	2	2	2	2	1	1	1	2	1	1	1	1	4.4	48	19
11	1	1	1	1	1	1	1	1	1	0	0	0	1.4	48	7
12	0	0	0	0	0	0	0	0	0	0	0	0	.5	48	3
13	0	0	0	0	0	0	0	0	0	0	0	0	.9	48	6
14	0	0	0	0	0	0	0	0	0	0	0	0	.5	48	3
15													.9	19	2
AVE	1	1	1	1	1	1	1	1	1	1	1	1			
N	14	14	14	14	14	14	14	14	14	14	14	14			
MAX	2	2	2	2	1	1	1	2	1	1	1	1			

LOS ANGELES ATMOSPHERIC REACTION STUDY - SRL/BBN

OZONE / HALF HOUR AVERAGE / IN PPHM

EL MONTE STATION

DAY	HOUR (PST)					10/68				
	9	10	11	12		13				
1										
2										
3										
4										
5										
6										
7										
8										
9										
10										
11							7		6	
12										
13							10		9	
14										
15										
16							5	5	4	
17						3	3	5	5	
18							7	9	8	
19										
20										
21				6	8	11	14	16	17	
22				8	10	16	21	28	30	
23				10	12	10	12	10	12	
24						7	7	8	10	
25					2	2	14	17	17	
26			2	2	4	8	14	17	20	
27	1	5	8	9	13	14	16	21	22	
28					1	4	7	11	14	
29			1	3	6	9	10	10	7	
30					1	2	2	2	2	
31								1	1	
AVE	1	5	4	5	6	8	9	11	11	11
N	1	1	3	3	8	9	11	13	16	16
MAX	1	5	8	9	13	14	16	21	28	30

LOS ANGELES ATMOSPHERIC REACTION STUDY - SRL/BBN

OZONE / HALF HOUR AVERAGE / IN PPHM

EL MONTE STATION

DAY	HOUR (PST)					10/68				
	14	15	16	17	18	AVE	N	MAX		
1										
2										
3										
4										
5										
6										
7										
8										
9						8.4	5	10		
10	7	7	9	10	9	8.2	6	10		
11	8	9	9	10						
12						8.3	3	10		
13	6									
14						2.5	4	5		
15	5	3	1	1		6.3	8	12		
16	5	6	12	9	4	4.9	10	9		
17	6	7	9	6	3	7.2	5	9		
18	8	4								
19						7.0	3	7		
20	7	7	7			12.5	11	17		
21	16	17	13	11	9	18.8	10	30		
22	24	20	18	13		14.0	12	25		
23	23	25	21	16	12	9.6	9	13		
24	13	10	11	11	9	11.5	13	17		
25	16	15	16	17	15	12.5	17	26		
26	24	26	19	17	15	11.8	17	23		
27	16	14	12	10	7	8.2	13	14		
28	12	13	14	9	5	5.4	14	10		
29	5	5	5	5	4	1.7	7	2		
30	1					1.4	7	2		
31	1	2	2	2	1					
AVE	11	11	11	10	8	6	5	3	1	0
N	19	17	16	15	12	7	4	2	1	0
MAX	24	26	21	17	15	14	9	4	1	0

LOS ANGELES ATMOSPHERIC REACTION STUDY - SRL/BBN

OZONE / HALF HOUR AVERAGE / IN PPHM

EL MONTE STATION

DAY	HOUR (PST)								11/68	
	9	10	11	12	13	14	15	16	17	18
1					2	4	4			
2		2	4	4	6	6	7	9	9	
3				2	3	3	3	3	4	
4				1	1	1	2	3	3	
5							1	2	3	
6			1	1	1	3	5	5	4	
7		1	2	2	3	6	8	8	8	
8		1	1	2	2	3	4	6	8	
9				1	2	4	7	10	12	
10	1	3	5	7	7	8	9	10	11	
11				1	3	5	6	6	5	
12						1	1	1	2	
13				1	1	2	3	4	4	
14							1	1	1	
AVE	1	2	3	3	2	3	4	5	6	
N	1	3	4	5	10	10	11	14	14	
MAX	1	3	5	7	7	8	9	10	12	

LOS ANGELES ATMOSPHERIC REACTION STUDY - SRL/BBN

OZONE / HALF HOUR AVERAGE / IN PPHM

EL MONTE STATION

DAY	HOUR (PST)								11/68		AVE	N	MAX
	14		15		16		17		18				
1	4	4	3	3	2	2	1				2.9	10	4
2	10	10	10	10	8	6	2	1			6.5	16	10
3	4	2	1	1	1						2.5	11	4
4	3	1	1								1.8	9	3
5	4	4	5	2	2	2	1				2.6	10	5
6	5	5	6	7	6	5					4.2	13	7
7	8	8	7	4	3	1					5.1	15	8
8	5	4	4	2	1						3.3	14	8
9	10	11	13	11	8	5	2				7.4	13	13
10	10	8	11	15	17	12	8	2			8.7	18	17
11	3	1									3.8	8	6
12	2	1	2								1.4	7	2
13	5	5	5								3.3	9	5
14	3	3	3	1							1.9	7	3
AVE	5	5	5	6	5	5	3	2	0	0			
N	14	14	13	10	9	7	5	2	0	0			
MAX	10	11	13	15	17	12	8	2	0	0			

C₁ to C₄ Hydrocarbons in Ground Level Samples

El Monte, California

Date 1968	Time PST	Methane ppb	Ethane ppb	Ethylene ppb	Acetylene ppb	Propane ppb	Propylene ppb	Isobutane ppb	Butane ppb	Butenes ppb
10/4	1320	--	66	< 5	< 9	24	---	---	---	---
10/4	1401	1250	33	< 5	< 9	17	---	15	---	---
10/7	0813	--	136	10	< 9	33	---	9	---	---
10/7	1335	1310	26	< 5	< 9	< 4	---	4	---	---
10/7	1530	--	14	---	---	---	---	---	---	---
10/8	0830	--	11	< 5	---	---	---	< 3	---	---
10/8	1056	2270	---	---	---	---	---	< 3	---	---
10/8	1155	1143	19	< 5	< 9	< 4	---	---	---	---
10/10	0905	--	---	59	---	---	---	---	---	---
10/10	1305	2050	---	---	---	---	---	---	---	---
10/10	1415	2020	---	---	---	---	---	---	---	---
10/14	1112	1410	---	< 5	22	---	---	---	---	---
10/14	1520	1560	---	11	22	---	---	---	107	---
10/15	0803	--	---	71	101	---	---	---	41	---
10/15	0910	2440	---	17	23	---	---	---	34	---
10/15	1055	2090	---	18	18	5	---	---	29	---
10/15	1215	1940	---	< 5	< 9	---	---	---	---	---
10/16	1045	--	---	8	27	---	---	---	6	---
10/16	1150	2970	---	17	< 9	---	---	---	---	---
10/17	0845	3570	---	52	< 9	---	---	---	---	---
10/17	1030	2930	---	52	< 9	---	---	---	---	---
10/17	1130	2650	---	21	22	4	---	9	16	---

C₁ to C₄ Hydrocarbons in Ground Level Samples

El Monte, California

Date 1968	Time PST	Methane ppb	Ethane ppb	Ethylene ppb	Acetylene ppb	Propane ppb	Propylene ppb	Isobutane ppb	Butane ppb	Butenes ppb
10/18	0725	--	94	91	18	---	---	9	84	---
10/18	0825	1720	< 5	26	27	---	---	< 3	20	---
10/21	0810	5910	122	---	53	53	---	< 3	< 3	---
10/21	0920	2980	54	---	---	---	---	< 3	35	< 3
10/21	1035	3890	110	25	18	---	< 4	---	69	---
10/21	1235	2910	61	11	---	---	---	< 3	55	< 3
10/21	1330	2730	63	---	9	42	---	---	29	< 3
10/21	1520	3150	73	---	22	23	---	---	---	---
10/22	0735	3940	97	30	62	---	---	< 3	34	< 3
10/22	0843	3990	70	< 5	35	35	< 4	< 3	35	< 3
10/22	0945	2980	42	17	93	---	< 4	< 3	41	< 3
10/22	1155	3480	110	11	57	56	---	---	64	< 3
10/22	1325	4050	148	---	61	61	---	< 3	111	< 3
10/22	1435	3570	75	---	13	20	---	< 3	46	< 3
10/23	0735	4800	92	47	111	28	---	---	---	< 3
10/23	0845	4160	63	---	31	---	---	< 3	32	< 3
10/23	1045	2460	19	---	---	---	---	< 3	18	< 3
10/23	1205	1820	12	---	---	---	---	< 3	15	< 3
10/23	1355	2560	61	---	27	---	---	< 3	70	< 3
10/24	0705	4410	110	55	71	51	---	---	99	< 3
10/24	0830	2100	33	---	13	< 4	< 4	< 3	41	< 3
10/24	0935	1760	23	---	< 9	---	---	< 3	29	< 3
10/24	1155	1960	38	---	---	< 4	< 4	< 3	19	< 3
10/24	1415	1660	16	< 5	< 9	---	< 4	< 3	20	< 3

C₁ to C₄ Hydrocarbons in Ground Level Samples

El Monte, California

Date 1968	Time PST	Methane ppb	Ethane ppb	Ethylene ppb	Acetylene ppb	Propane ppb	Propylene ppb	Isobutane ppb	Butane ppb	Butenes ppb
10/25	0720	4490	123	80	71	38	---	---	---	< 3
10/25	0830	3750	66	---	31	---	7	---	32	< 3
10/25	1005	2180	36	---	11	---	---	7	---	< 3
10/25	1250	2900	70	---	17	---	---	9	---	25
10/25	1455	2970	87	---	---	---	< 4	---	---	< 3
10/28	1030	4080	96	---	44	---	< 4	27	---	< 3
10/28	1135	3900	122	---	53	< 4	< 4	---	---	< 3
10/28	1345	3770	100	---	49	---	---	41	---	< 3
10/28	1500	3410	77	---	52	---	---	31	---	< 3
10/29	0820	2730	70	---	31	---	---	---	---	---
10/29	1015	2770	63	---	27	---	7	30	46	< 3
10/29	1240	2430	72	---	---	---	< 4	13	---	15
10/29	1530	2140	42	---	12	---	< 4	< 3	49	< 3
10/29	1620	2000	39	---	9	---	18	< 3	36	< 3
10/30	0930	1840	31	---	9	---	< 4	< 3	20	< 3
10/30	1035	1680	21	---	< 9	---	---	< 3	15	< 3
10/30	1140	1460	9	---	< 9	---	---	< 3	12	< 3
10/30	1245	1580	14	---	< 9	< 4	---	---	16	< 3
10/30	1415	1480	14	---	---	---	---	---	24	< 3
10/31	0800	1940	---	37	35	---	---	---	61	< 3
10/31	0910	2040	< 5	---	18	12	---	---	---	< 3
10/31	1012	1610	< 5	---	11	11	---	< 3	12	< 3
10/31	1330	1670	19	---	---	---	---	---	---	---
10/31	1430	1610	17	---	---	---	---	< 3	20	< 3
10/31	1520	1520	12	< 5	< 9	8	---	< 3	15	< 3

C₁ to C₄ Hydrocarbons in Ground Level Samples

El Monte, California

Date 1968	Time PST	Methane ppb	Ethane ppb	Ethylene ppb	Acetylene ppb	Propane ppb	Propylene ppb	Isobutane ppb	Butane ppb	Butenes ppb
11/1	0801	2210	45	28	31	< 4	13	< 3	41	---
11/1	0920	1630	---	---	< 9	20	---	6	20	---
11/1	1025	1610	14	14	< 9	---	---	---	19	< 3
11/1	1140	1780	23	< 5	9	---	---	---	12	< 3
11/1	1440	--	31	< 5	< 9	12	---	---	28	< 3
11/4	0820	2300	31	---	29	17	11	9	51	< 3
11/4	1445	1390	---	---	---	---	---	---	---	---
11/4	1622	1720	---	---	---	---	---	---	9	---
11/5	0812	2340	33	---	15	13	---	---	25	3
11/5	0914	2040	47	---	13	---	---	28	58	< 3
11/5	1030	1580	16	10	13	---	---	---	18	< 3
11/5	1210	1620	21	< 5	< 9	---	---	---	12	5
11/5	1328	1790	31	---	< 9	---	---	---	26	3
11/5	1430	--	---	---	---	---	---	---	---	---
11/6	0825	--	63	44	80	23	---	14	72	< 3
11/6	0946	1830	31	14	29	---	---	5	34	2
11/6	1131	1620	26	---	< 9	---	---	---	12	< 3
11/6	1402	1500	12	---	< 9	< 4	---	< 3	5	< 3
11/6	1453	1570	9	< 5	< 9	4	< 4	< 3	8	< 3
11/7	0901	2530	57	---	34	29	6	13	49	< 3
11/7	1012	2080	46	19	31	26	4	12	53	< 3
11/7	1122	1850	33	< 5	20	17	< 4	4	22	< 3
11/7	1303	--	26	< 5	< 9	14	< 4	< 3	22	< 3
11/7	1545	--	40	< 5	13	26	4	10	36	< 3
11/8	0815	--	63	30	79	23	12	17	93	< 3
11/8	0935	2050	21	< 5	9	8	< 4	5	16	< 3
11/8	1220	1410	14	---	< 9	6	< 4	< 3	15	< 3
11/8	1331	1570	31	< 5	< 9	15	< 4	7	25	< 3
11/8	1545	1660	---	---	< 9	12	4	3	22	< 3

C₅ to C₁₀ Identification Code Index

Peak No.	Compound	Peak No.	Compound	Peak No.	Compound
1	Isopentane	37	Methylcyclohexane	74	Isopropylbenzene
2	1-Pentene	38		75	
	2-Methyl-1-Butene	39		76	
3	n-Pentane	40	2,4-Dimethylhexane	77	
4	trans-2-Pentene	41	2,5-Dimethylhexane	78	
5	cis-2-Pentene	42		79	
6	2-Methyl-2-butene	43		80	n-Propylbenzene
7	2,2-Dimethylbutane	44		81	4-Ethyltoluene
8		45	2,3,4-Trimethylpentane	82	3-Ethyltoluene
9		46	Toluene	83	
10	Cyclopentene	47		84	1,3,5-Trimethylbenzene
11	Cyclopentane	48		85	2-Ethyltoluene
12	2,3-Dimethylbutane	49		86	
13	2-Methylpentane	50		87	tert-Butylbenzene
14	3-Methylpentane	51		88	1,2,4-Trimethylbenzene
15	1-Hexene	52		89	n-Decane
16	n-Hexane	53	n-Octane	90	sec-Butylbenzene
17	trans-3-Hexene	54		91	Isobutylbenzene
18	trans-2-Hexene	55		92	
19	cis-3-Hexene	56		93	
20	cis-2-Hexene	57		94	
21	Methylcyclopentane	58		95	
22	2,4-Dimethylpentane	59		96	
23		60		97	
24		61	Ethylbenzene	98	
25		62		99	
26	Benzene + Cyclohexane	63		100	
27	2-Methylhexane +	64	m + p-Xylene	101	n-Butylbenzene
	2,3-Dimethylpentane	65		102	
28	3-Methylhexane	66		103	
29		67		104	
30		68	o-Xylene	105	
31		69		106	
32	2,2,4-Trimethylpentane	70		107	n-Undecane
33	1-Heptene + ?	71	n-Nonane	108	
34	n-Heptane	72		109	
35		73			
36					

SCOTT RESEARCH LABORATORIES, INC.
L.A. BASIN PROJECT CHROMATOGRAM DATA

EL MONTE

DATE 10-04

TIME 1115 PST

PEAK	PPB	PEAK	PPB	PEAK	PPB
1	*****	31	*****	60	*****
2	*****	32	*****	61	1.74
3	10.19	33	1.51	62	*****
4	*****	34	5.87	63	*****
5	*****	35	*****	64	5.22
6	0.58	36	*****	65	*****
7	*****	37	1.47	66	0.28
8	2.07	38	*****	67	*****
9	*****	39	*****	68	*****
10	*****	40	*****	69	4.18
11	3.45	41	0.82	70	*****
12	2.14	42	*****	71	1.15
13	12.35	43	*****	72	*****
14	1.94	44	*****	73	1.48
15	*****	45	0.50	74	*****
16	2.70	46	12.94	75	*****
17	11.01	47	*****	76	*****
18	1.00	48	*****	77	0.66
19	1.89	49	0.29	78	1.00
20	*****	50	1.14	79	2.79
21	1.88	51	2.16	80	0.25
22	*****	52	*****	81	1.27
23	1.18	53	0.37	82	*****
24	*****	54	*****	83	*****
25	*****	55	*****	84	0.40
26	4.72	56	*****	85	*****
27	1.84	57	*****	86	1.59
28	0.71	58	*****	87	*****
29	*****	59	*****	88	4.76
30	*****			89	*****

TOTAL CONCENTRATION 113.61

SCOTT RESEARCH LABORATORIES, INC.
L.A. BASIN PROJECT CHROMATOGRAM DATA

EL MONTE

DATE 10-04

TIME 1236 PST

PEAK	PPB	PEAK	PPB	PEAK	PPB
1	25.50	31	*****	60	*****
2	*****	32	2.14	61	1.90
3	7.55	33	1.44	62	*****
4	*****	34	7.20	63	*****
5	*****	35	*****	64	5.30
6	10.34	36	*****	65	*****
7	87.30	37	3.13	66	*****
8	*****	38	*****	67	*****
9	*****	39	*****	68	*****
10	*****	40	2.48	69	4.65
11	12.72	41	*****	70	1.00
12	5.25	42	*****	71	*****
13	8.58	43	0.40	72	*****
14	4.83	44	0.87	73	1.47
15	*****	45	2.80	74	*****
16	60.27	46	24.52	75	*****
17	*****	47	6.12	76	*****
18	22.76	48	4.70	77	*****
19	*****	49	2.90	78	1.25
20	*****	50	8.31	79	*****
21	2.48	51	15.21	80	*****
22	*****	52	*****	81	1.25
23	*****	53	18.30	82	*****
24	*****	54	8.35	83	*****
25	*****	55	*****	84	0.44
26	7.73	56	6.56	85	*****
27	2.01	57	6.90	86	2.80
28	1.08	58	2.34	87	*****
29	*****	59	3.70	88	5.07
30	0.88			89	*****

TOTAL CONCENTRATION 412.89

SCOTT RESEARCH LABORATORIES, INC.
L.A. BASIN PROJECT CHROMATOGRAM DATA

EL MONTE

DATE 10-07

TIME 0813 PST

PEAK	PPB	PEAK	PPB	PEAK	PPB
1	24.10	31	*****	60	*****
2	8.85	32	3.18	61	2.21
3	9.54	33	4.80	62	*****
4	*****	34	3.87	63	*****
5	*****	35	*****	64	8.51
6	*****	36	*****	65	*****
7	*****	37	2.72	66	4.48
8	*****	38	*****	67	0.84
9	*****	39	*****	68	6.79
10	*****	40	*****	69	*****
11	13.69	41	3.05	70	*****
12	5.44	42	*****	71	3.78
13	8.86	43	*****	72	*****
14	5.87	44	3.49	73	4.44
15	41.41	45	0.93	74	0.43
16	21.37	46	27.16	75	*****
17	*****	47	1.47	76	*****
18	*****	48	1.64	77	1.93
19	*****	49	0.52	78	7.24
20	*****	50	*****	79	5.03
21	3.84	51	4.45	80	6.13
22	*****	52	*****	81	8.13
23	*****	53	*****	82	4.98
24	*****	54	*****	83	7.05
25	0.96	55	*****	84	7.66
26	15.34	56	*****	85	3.09
27	2.77	57	0.53	86	10.17
28	0.94	58	*****	87	7.74
29	*****	59	4.07	88	19.44
30	1.64			89	10.92

TOTAL CONCENTRATION 357.67

SCOTT RESEARCH LABORATORIES, INC.
L.A. BASIN PROJECT CHROMATOGRAM DATA

EL MONTE

DATE 10-07

TIME 1335 PST

PEAK	PPB	PEAK	PPB	PEAK	PPB
1	*****	31	*****	60	6.67
2	12.63	32	2.76	61	10.00
3	26.91	33	3.63	62	*****
4	*****	34	8.02	63	*****
5	*****	35	*****	64	10.13
6	*****	36	*****	65	4.70
7	222.33	37	1.94	66	0.17
8	*****	38	*****	67	2.84
9	*****	39	*****	68	*****
10	*****	40	2.08	69	16.60
11	35.99	41	*****	70	*****
12	*****	42	*****	71	7.20
13	25.82	43	0.39	72	*****
14	12.61	44	*****	73	11.27
15	18.85	45	4.79	74	2.90
16	95.01	46	27.66	75	0.75
17	73.60	47	*****	76	*****
18	*****	48	*****	77	6.75
19	*****	49	7.76	78	8.56
20	*****	50	*****	79	*****
21	8.08	51	13.81	80	7.86
22	5.42	52	*****	81	5.71
23	*****	53	*****	82	2.45
24	*****	54	2.13	83	0.94
25	0.48	55	2.29	84	4.87
26	5.73	56	*****	85	*****
27	0.75	57	4.94	86	5.65
28	0.33	58	*****	87	5.05
29	*****	59	11.82	88	12.61
30	1.50			89	4.08

TOTAL CONCENTRATION 786.89

SCOTT RESEARCH LABORATORIES, INC.
L.A. BASIN PROJECT CHROMATOGRAM DATA

EL MONTE

DATE 10-07

TIME 1530 PST

PEAK	PPB	PEAK	PPB	PEAK	PPB
1	14.17	31	0.40	60	0.31
2	*****	32	3.97	61	2.48
3	9.79	33	*****	62	*****
4	0.62	34	0.62	63	*****
5	1.49	35	4.79	64	4.82
6	1.37	36	*****	65	2.37
7	3.73	37	2.31	66	*****
8	31.72	38	*****	67	*****
9	11.68	39	*****	68	*****
10	22.17	40	2.00	69	6.97
11	9.84	41	*****	70	*****
12	24.77	42	*****	71	1.61
13	24.31	43	*****	72	*****
14	1.60	44	*****	73	3.05
15	*****	45	3.08	74	*****
16	15.17	46	17.12	75	*****
17	*****	47	*****	76	*****
18	55.51	48	0.84	77	*****
19	*****	49	1.51	78	4.38
20	24.17	50	1.26	79	3.51
21	1.85	51	5.00	80	7.78
22	1.20	52	*****	81	10.24
23	*****	53	*****	82	3.46
24	*****	54	*****	83	5.72
25	*****	55	*****	84	6.79
26	7.16	56	*****	85	*****
27	1.81	57	0.75	86	8.97
28	0.83	58	*****	87	2.42
29	*****	59	0.30	88	8.73
30	1.51			89	0.84

TOTAL CONCENTRATION 398.32

SCOTT RESEARCH LABORATORIES, INC.
L.A. BASIN PROJECT CHROMATOGRAM DATA

EL MONTE

DATE 10-08

TIME 0836 PST

PEAK	PPB	PEAK	PPB	PEAK	PPB
1	12.90	31	8.13	60	*****
2	*****	32	*****	61	6.61
3	17.21	33	*****	62	*****
4	7.44	34	2.07	63	*****
5	4.48	35	*****	64	19.99
6	3.60	36	*****	65	*****
7	*****	37	1.41	66	*****
8	*****	38	*****	67	4.83
9	*****	39	*****	68	*****
10	*****	40	*****	69	*****
11	0.40	41	0.95	70	1.47
12	0.93	42	*****	71	1.84
13	4.84	43	*****	72	*****
14	2.83	44	0.44	73	*****
15	*****	45	*****	74	0.69
16	8.76	46	43.23	75	*****
17	*****	47	4.91	76	*****
18	235.90	48	1.06	77	2.80
19	*****	49	*****	78	1.51
20	25.33	50	0.74	79	0.50
21	4.04	51	3.50	80	0.30
22	14.13	52	*****	81	2.57
23	*****	53	1.17	82	1.79
24	10.49	54	*****	83	*****
25	1.67	55	*****	84	2.21
26	13.00	56	*****	85	*****
27	2.70	57	*****	86	1.18
28	1.20	58	5.08	87	*****
29	*****	59	2.89	88	5.30
30	*****			89	1.05

TOTAL CONCENTRATION

502.27

SCOTT RESEARCH LABORATORIES, INC.
L.A. BASIN PROJECT CHROMATOGRAM DATA

EL MONTE

DATE 10-08

TIME 1056 PST

PEAK	PPB	PEAK	PPB	PEAK	PPB
1	122.73	31	*****	60	*****
2	20.02	32	12.65	61	4.52
3	50.90	33	*****	62	*****
4	2.75	34	10.15	63	*****
5	3.41	35	*****	64	12.76
6	6.71	36	*****	65	*****
7	183.55	37	5.23	66	*****
8	*****	38	*****	67	*****
9	*****	39	*****	68	3.88
10	*****	40	5.48	69	6.05
11	12.11	41	*****	70	*****
12	26.32	42	0.27	71	2.23
13	41.25	43	0.39	72	*****
14	17.54	44	1.62	73	*****
15	32.83	45	10.57	74	0.34
16	43.85	46	58.36	75	*****
17	63.96	47	7.82	76	*****
18	*****	48	7.56	77	*****
19	*****	49	*****	78	0.57
20	4.38	50	6.93	79	*****
21	13.57	51	8.03	80	*****
22	7.98	52	1.12	81	2.74
23	2.45	53	1.99	82	1.30
24	*****	54	*****	83	*****
25	1.34	55	*****	84	0.49
26	24.02	56	*****	85	*****
27	6.43	57	0.75	86	4.92
28	3.21	58	*****	87	*****
29	0.80	59	0.59	88	12.06
30	2.10			89	1.26

TOTAL CONCENTRATION

887.02

SCOTT RESEARCH LABORATORIES, INC.
L.A. BASIN PROJECT CHROMATOGRAM DATA

EL MONTE

DATE 10-08

TIME 1155 PST

PEAK	PPB	PEAK	PPB	PEAK	PPB
1	*****	31	4.60	60	*****
2	*****	32	*****	61	2.85
3	7.52	33	*****	62	*****
4	*****	34	5.78	63	*****
5	*****	35	*****	64	6.98
6	10.78	36	*****	65	*****
7	41.12	37	1.17	66	0.43
8	74.32	38	*****	67	*****
9	*****	39	*****	68	1.41
10	*****	40	1.51	69	3.24
11	11.67	41	*****	70	*****
12	6.01	42	*****	71	*****
13	6.32	43	*****	72	0.81
14	8.99	44	*****	73	1.13
15	2.15	45	1.06	74	*****
16	102.42	46	22.86	75	*****
17	*****	47	*****	76	*****
18	46.37	48	*****	77	*****
19	0.97	49	*****	78	1.87
20	1.82	50	0.70	79	*****
21	2.11	51	2.81	80	0.63
22	2.98	52	*****	81	1.17
23	*****	53	*****	82	*****
24	7.91	54	0.42	83	*****
25	4.03	55	*****	84	*****
26	5.22	56	*****	85	*****
27	1.90	57	*****	86	1.48
28	*****	58	*****	87	*****
29	1.34	59	0.41	88	5.18
30	*****			89	*****

TOTAL CONCENTRATION 414.58

SCOTT RESEARCH LABORATORIES, INC.
L.A. BASIN PROJECT CHROMATOGRAM DATA

EL MONTE

DATE 10-10

TIME 0905 PST

PEAK	PPB	PEAK	PPB	PEAK	PPB
1	17.75	31	*****	60	*****
2	*****	32	1.39	61	9.03
3	9.25	33	*****	62	*****
4	*****	34	3.68	63	*****
5	*****	35	*****	64	23.86
6	*****	36	*****	65	*****
7	*****	37	2.53	66	*****
8	2.29	38	*****	67	5.84
9	4.41	39	*****	68	*****
10	9.22	40	*****	69	*****
11	3.54	41	0.99	70	*****
12	1.94	42	*****	71	1.13
13	4.00	43	*****	72	*****
14	2.56	44	*****	73	*****
15	191.48	45	*****	74	*****
16	167.63	46	56.71	75	*****
17	*****	47	5.52	76	*****
18	*****	48	1.15	77	4.38
19	*****	49	*****	78	*****
20	*****	50	*****	79	*****
21	12.87	51	4.75	80	0.46
22	4.11	52	*****	81	2.32
23	0.59	53	1.23	82	*****
24	*****	54	*****	83	*****
25	*****	55	*****	84	11.78
26	5.91	56	*****	85	*****
27	2.45	57	*****	86	0.71
28	1.35	58	*****	87	*****
29	*****	59	0.49	88	5.52
30	*****			89	0.39

TOTAL CONCENTRATION 585.36

SCOTT RESEARCH LABORATORIES, INC.
L.A. BASIN PROJECT CHROMATOGRAM DATA

EL MONTE

DATE 10-10

TIME 1305 PST

PEAK	PPB	PEAK	PPB	PEAK	PPB
1	31.30	31	1.20	60	*****
2	*****	32	0.79	61	3.57
3	17.19	33	1.10	62	*****
4	*****	34	4.89	63	*****
5	*****	35	*****	64	9.91
6	0.70	36	*****	65	*****
7	2.72	37	3.99	66	*****
8	*****	38	*****	67	*****
9	*****	39	*****	68	4.76
10	*****	40	1.99	69	*****
11	1.07	41	*****	70	*****
12	0.97	42	*****	71	0.69
13	7.26	43	0.43	72	*****
14	4.64	44	1.16	73	*****
15	8.76	45	0.89	74	0.33
16	83.75	46	39.92	75	*****
17	*****	47	5.05	76	*****
18	*****	48	2.43	77	*****
19	*****	49	*****	78	0.28
20	*****	50	1.06	79	*****
21	4.14	51	1.52	80	0.47
22	*****	52	*****	81	1.62
23	*****	53	1.70	82	0.27
24	0.36	54	0.76	83	*****
25	*****	55	*****	84	0.31
26	10.90	56	*****	85	*****
27	4.60	57	*****	86	3.86
28	2.53	58	*****	87	*****
29	0.56	59	0.90	88	7.65
30	0.64			89	0.59

TOTAL CONCENTRATION

286.36

SCOTT RESEARCH LABORATORIES, INC.
L.A. BASIN PROJECT CHROMATOGRAM DATA

EL MONTE

DATE 10-10

TIME 1415 PST

PEAK	PPB	PEAK	PPB	PEAK	PPB
1	46.05	31	*****	60	*****
2	*****	32	6.47	61	7.33
3	23.21	33	1.34	62	*****
4	*****	34	6.69	63	*****
5	*****	35	*****	64	18.60
6	1.15	36	*****	65	*****
7	*****	37	6.55	66	*****
8	5.29	38	*****	67	0.40
9	*****	39	*****	68	6.36
10	2.44	40	3.48	69	*****
11	1.52	41	*****	70	*****
12	1.80	42	0.38	71	1.11
13	10.29	43	0.63	72	*****
14	6.89	44	1.04	73	*****
15	*****	45	0.93	74	0.76
16	192.97	46	65.05	75	*****
17	*****	47	6.98	76	*****
18	*****	48	3.99	77	0.23
19	*****	49	*****	78	2.51
20	10.43	50	0.76	79	0.30
21	18.15	51	3.75	80	0.30
22	*****	52	*****	81	2.00
23	4.78	53	2.50	82	1.40
24	1.21	54	*****	83	0.36
25	*****	55	*****	84	3.17
26	14.08	56	*****	85	*****
27	6.25	57	*****	86	1.58
28	3.72	58	0.35	87	*****
29	1.45	59	0.98	88	6.11
30	1.68			89	0.94

TOTAL CONCENTRATION 518.92

SCOTT RESEARCH LABORATORIES, INC.
L.A. BASIN PROJECT CHROMATOGRAM DATA

EL MONTE

DATE 10-11

TIME 0924 PST

PEAK	PPB
1	26.37
2	*****
3	15.15
4	*****
5	*****
6	0.37
7	*****
8	*****
9	*****
10	*****
11	0.93
12	0.72
13	9.18
14	4.54
15	*****
16	8.98
17	2.41
18	*****
19	*****
20	89.99
21	16.54
22	3.60
23	2.21
24	*****
25	*****
26	8.70
27	3.89
28	2.02
29	0.30
30	*****

PEAK	PPB
31	0.61
32	1.37
33	*****
34	3.78
35	*****
36	*****
37	2.42
38	*****
39	*****
40	*****
41	1.49
42	*****
43	*****
44	0.71
45	0.32
46	41.43
47	4.47
48	1.24
49	*****
50	1.26
51	1.53
52	*****
53	1.32
54	*****
55	*****
56	*****
57	*****
58	*****
59	1.43

PEAK	PPB
60	*****
61	5.24
62	*****
63	*****
64	14.64
65	*****
66	*****
67	0.47
68	4.27
69	*****
70	*****
71	0.76
72	*****
73	*****
74	0.26
75	*****
76	*****
77	*****
78	1.73
79	*****
80	0.53
81	2.03
82	0.94
83	*****
84	1.08
85	*****
86	0.73
87	*****
88	5.53
89	0.25

TOTAL CONCENTRATION 297.92

SCOTT RESEARCH LABORATORIES, INC.
L.A. BASIN PROJECT CHROMATOGRAM DATA

EL MONTE

DATE 10-14

TIME 1112 PST

PEAK	PPB	PEAK	PPB	PEAK	PPB
1	6.38	31	*****	60	*****
2	*****	32	*****	61	6.45
3	4.04	33	10.24	62	*****
4	*****	34	6.52	63	*****
5	3.21	35	*****	64	11.87
6	4.34	36	*****	65	*****
7	1.11	37	3.37	66	0.51
8	*****	38	*****	67	*****
9	*****	39	*****	68	1.62
10	29.92	40	2.56	69	2.44
11	57.58	41	*****	70	*****
12	10.42	42	*****	71	*****
13	82.12	43	*****	72	0.98
14	34.47	44	1.03	73	5.09
15	19.90	45	*****	74	*****
16	122.46	46	32.13	75	*****
17	*****	47	*****	76	0.53
18	72.61	48	*****	77	3.12
19	25.22	49	*****	78	5.19
20	*****	50	2.12	79	4.38
21	16.08	51	4.30	80	3.67
22	9.17	52	*****	81	6.20
23	*****	53	*****	82	5.55
24	*****	54	*****	83	6.55
25	3.71	55	*****	84	3.75
26	9.81	56	0.70	85	2.56
27	1.60	57	0.47	86	5.54
28	0.52	58	*****	87	7.51
29	*****	59	*****	88	13.24
30	3.74			89	3.19

TOTAL CONCENTRATION 687.08

SCOTT RESEARCH LABORATORIES, INC.
L.A. BASIN PROJECT CHROMATOGRAM DATA

EL MONTE

DATE 10-14

TIME 1520 PST

PEAK	PPB	PEAK	PPB	PEAK	PPB
1	9.09	31	0.65	60	*****
2	*****	32	*****	61	9.08
3	3.81	33	11.53	62	*****
4	1.14	34	31.26	63	*****
5	*****	35	*****	64	8.41
6	*****	36	*****	65	*****
7	*****	37	0.64	66	0.27
8	*****	38	*****	67	*****
9	1.83	39	*****	68	1.52
10	*****	40	*****	69	3.24
11	0.70	41	1.29	70	*****
12	*****	42	*****	71	*****
13	4.99	43	*****	72	*****
14	*****	44	2.87	73	1.14
15	4.51	45	1.89	74	0.57
16	28.66	46	44.09	75	*****
17	235.12	47	*****	76	*****
18	*****	48	*****	77	34.59
19	*****	49	*****	78	4.83
20	*****	50	2.08	79	6.27
21	6.94	51	4.01	80	1.31
22	1.59	52	*****	81	7.51
23	*****	53	0.27	82	6.96
24	*****	54	*****	83	7.00
25	0.43	55	*****	84	4.07
26	2.48	56	0.57	85	8.28
27	2.11	57	*****	86	7.89
28	*****	58	*****	87	18.24
29	*****	59	0.28	88	3.60
30	*****			89	5.36

TOTAL CONCENTRATION

545.16

SCOTT RESEARCH LABORATORIES, INC.
L.A. BASIN PROJECT CHROMATOGRAM DATA

EL MONTE

DATE 10-15

TIME 0803 PST

PEAK	PPB	PEAK	PPB	PEAK	PPB
1	48.87	31	1.63	60	*****
2	0.68	32	6.09	61	31.47
3	*****	33	*****	62	*****
4	2.60	34	9.55	63	*****
5	0.95	35	*****	64	24.64
6	3.32	36	*****	65	1.11
7	1.13	37	4.67	66	*****
8	*****	38	*****	67	*****
9	2.97	39	*****	68	6.50
10	2.18	40	*****	69	*****
11	8.08	41	4.36	70	0.58
12	13.13	42	0.53	71	*****
13	45.34	43	0.49	72	1.69
14	30.30	44	4.37	73	*****
15	13.42	45	2.60	74	0.47
16	16.71	46	46.16	75	*****
17	188.09	47	5.26	76	*****
18	*****	48	3.60	77	2.45
19	*****	49	*****	78	*****
20	*****	50	2.17	79	*****
21	20.94	51	2.33	80	*****
22	9.43	52	*****	81	4.28
23	5.59	53	1.90	82	3.32
24	*****	54	*****	83	2.58
25	0.92	55	*****	84	*****
26	14.85	56	0.44	85	0.82
27	7.60	57	*****	86	3.33
28	4.14	58	0.36	87	2.28
29	1.01	59	0.75	88	11.30
30	*****			89	5.32

TOTAL CONCENTRATION

642.33

SCOTT RESEARCH LABORATORIES, INC.
L.A. BASIN PROJECT CHROMATOGRAM DATA

EL MONTE

DATE 10-15

TIME 0910 PST

PEAK	PPB	PEAK	PPB	PEAK	PPB
1	23.73	31	1.49	60	*****
2	*****	32	1.22	61	30.82
3	12.95	33	3.86	62	*****
4	*****	34	4.56	63	*****
5	*****	35	*****	64	17.49
6	1.13	36	*****	65	*****
7	*****	37	2.04	66	*****
8	*****	38	*****	67	0.65
9	*****	39	*****	68	3.94
10	*****	40	2.27	69	*****
11	0.83	41	*****	70	*****
12	0.66	42	*****	71	0.57
13	7.17	43	*****	72	*****
14	5.52	44	3.09	73	0.41
15	1.37	45	0.88	74	0.34
16	6.36	46	24.47	75	*****
17	16.70	47	4.72	76	*****
18	*****	48	3.50	77	*****
19	*****	49	*****	78	0.33
20	4.07	50	0.71	79	*****
21	2.96	51	0.64	80	0.40
22	*****	52	*****	81	2.88
23	0.84	53	1.59	82	2.30
24	*****	54	*****	83	2.02
25	0.48	55	*****	84	1.79
26	6.57	56	*****	85	0.84
27	4.04	57	*****	86	1.45
28	3.55	58	*****	87	1.58
29	0.33	59	0.66	88	5.84
30	0.58			89	*****

TOTAL CONCENTRATION 228.38

SCOTT RESEARCH LABORATORIES, INC.
L.A. BASIN PROJECT CHROMATOGRAM DATA

EL MONTE

DATE 10-15

TIME 1055 PST

PEAK	PPB	PEAK	PPB	PEAK	PPB
1	18.81	31	*****	60	*****
2	*****	32	6.16	61	65.62
3	6.91	33	9.18	62	*****
4	*****	34	2.48	63	*****
5	*****	35	*****	64	10.21
6	*****	36	0.91	65	*****
7	2.46	37	0.86	66	*****
8	*****	38	*****	67	0.61
9	1.30	39	*****	68	1.45
10	4.64	40	*****	69	*****
11	0.76	41	2.23	70	*****
12	2.10	42	*****	71	*****
13	8.30	43	*****	72	*****
14	5.97	44	6.70	73	*****
15	*****	45	3.01	74	0.27
16	5.05	46	28.07	75	*****
17	*****	47	1.95	76	*****
18	21.91	48	0.53	77	*****
19	*****	49	*****	78	*****
20	*****	50	1.33	79	0.55
21	1.91	51	*****	80	*****
22	1.40	52	0.91	81	1.45
23	0.68	53	0.89	82	2.40
24	*****	54	*****	83	4.51
25	*****	55	0.59	84	1.18
26	4.91	56	*****	85	1.87
27	2.35	57	*****	86	2.92
28	0.96	58	*****	87	7.73
29	*****	59	*****	88	10.18
30	*****			89	4.85

TOTAL CONCENTRATION 272.21

SCOTT RESEARCH LABORATORIES, INC.
L.A. BASIN PROJECT CHROMATOGRAM DATA

EL MONTE

DATE 10-15

TIME 1215 PST

PEAK	PPR	PEAK	PPB	PEAK	PPB
1	7.76	31	2.59	60	*****
2	*****	32	*****	61	58.02
3	3.81	33	5.91	62	*****
4	*****	34	1.68	63	*****
5	*****	35	*****	64	*****
6	*****	36	*****	65	*****
7	0.63	37	0.58	66	*****
8	*****	38	*****	67	0.44
9	0.90	39	*****	68	1.38
10	*****	40	*****	69	0.27
11	*****	41	0.40	70	*****
12	*****	42	*****	71	*****
13	2.49	43	*****	72	*****
14	3.39	44	2.69	73	0.47
15	0.52	45	*****	74	*****
16	2.11	46	18.55	75	*****
17	*****	47	*****	76	*****
18	39.44	48	*****	77	*****
19	*****	49	*****	78	0.59
20	*****	50	0.88	79	0.35
21	*****	51	*****	80	*****
22	*****	52	2.37	81	1.20
23	*****	53	0.51	82	1.66
24	*****	54	*****	83	*****
25	*****	55	*****	84	1.06
26	2.58	56	*****	85	1.64
27	0.78	57	*****	86	1.75
28	0.34	58	*****	87	4.38
29	*****	59	*****	88	8.22
30	*****			89	10.13

TOTAL CONCENTRATION 192.63

SCOTT RESEARCH LABORATORIES, INC.
L.A. BASIN PROJECT CHROMATOGRAM DATA

EL MONTE

DATE 10-16

TIME 1045 PST

PEAK	PPB	PEAK	PPB	PEAK	PPB
1	24.81	31	*****	60	*****
2	2.81	32	31.99	61	7.07
3	27.96	33	*****	62	*****
4	7.13	34	37.54	63	*****
5	*****	35	*****	64	28.74
6	41.51	36	8.99	65	*****
7	5.55	37	11.84	66	*****
8	170.25	38	*****	67	0.63
9	*****	39	*****	68	5.90
10	*****	40	1.16	69	4.01
11	*****	41	*****	70	*****
12	*****	42	*****	71	*****
13	45.96	43	*****	72	0.45
14	37.60	44	*****	73	*****
15	18.06	45	*****	74	0.61
16	197.11	46	19.34	75	*****
17	153.14	47	*****	76	*****
18	*****	48	*****	77	*****
19	*****	49	*****	78	0.93
20	*****	50	1.59	79	*****
21	28.06	51	*****	80	0.82
22	14.30	52	5.69	81	1.56
23	9.77	53	0.41	82	1.01
24	*****	54	*****	83	*****
25	18.29	55	0.01	84	0.76
26	14.86	56	*****	85	*****
27	26.34	57	*****	86	0.47
28	8.39	58	*****	87	1.41
29	*****	59	*****	88	8.26
30	19.41			89	1.13

TOTAL CONCENTRATION 1053.81

SCOTT RESEARCH LABORATORIES, INC.
L.A. BASIN PROJECT CHROMATOGRAM DATA

EL MONTE

DATE 10-16

TIME 1150 PST

PEAK	PPB	PEAK	PPB	PEAK	PPB
1	40.39	31	*****	60	*****
2	0.79	32	*****	61	9.64
3	15.02	33	3.70	62	*****
4	*****	34	10.40	63	*****
5	*****	35	*****	64	35.58
6	1.66	36	*****	65	*****
7	9.49	37	2.35	66	*****
8	13.83	38	*****	67	2.00
9	*****	39	*****	68	7.77
10	33.07	40	0.31	69	1.59
11	9.82	41	1.38	70	*****
12	14.67	42	*****	71	0.43
13	18.01	43	*****	72	*****
14	4.10	44	0.35	73	*****
15	138.38	45	0.34	74	0.96
16	46.10	46	36.67	75	*****
17	*****	47	2.98	76	*****
18	*****	48	0.54	77	*****
19	45.87	49	*****	78	2.09
20	*****	50	1.21	79	*****
21	11.41	51	*****	80	1.44
22	2.65	52	3.56	81	3.19
23	*****	53	0.93	82	1.78
24	*****	54	*****	83	*****
25	*****	55	*****	84	0.95
26	17.84	56	*****	85	*****
27	3.05	57	*****	86	0.60
28	2.01	58	*****	87	*****
29	*****	59	*****	88	7.68
30	1.79			89	1.96

TOTAL CONCENTRATION

572.50

SCOTT RESEARCH LABORATORIES, INC.
L.A. BASIN PROJECT CHROMATOGRAM DATA

EL MONTE

DATE 10-17

TIME 1030 PST

PEAK	PPR	PEAK	PPB	PEAK	PPB
1	19.43	31	1.48	60	*****
2	*****	32	*****	61	5.33
3	8.34	33	11.99	62	*****
4	*****	34	4.68	63	*****
5	*****	35	*****	64	35.32
6	3.79	36	1.25	65	*****
7	8.71	37	0.48	66	*****
8	*****	38	*****	67	0.90
9	*****	39	*****	68	8.10
10	*****	40	*****	69	0.42
11	*****	41	*****	70	*****
12	*****	42	*****	71	*****
13	3.60	43	*****	72	*****
14	4.36	44	0.38	73	2.04
15	38.74	45	*****	74	*****
16	16.58	46	34.09	75	*****
17	*****	47	*****	76	*****
18	*****	48	*****	77	*****
19	*****	49	*****	78	*****
20	*****	50	0.67	79	*****
21	1.84	51	*****	80	2.37
22	*****	52	*****	81	2.33
23	*****	53	0.87	82	2.35
24	*****	54	*****	83	*****
25	*****	55	*****	84	*****
26	9.06	56	*****	85	*****
27	1.88	57	*****	86	*****
28	0.88	58	*****	87	1.58
29	*****	59	*****	88	4.52
30	*****			89	1.37

TOTAL CONCENTRATION 239.85

SCOTT RESEARCH LABORATORIES, INC.
L.A. BASIN PROJECT CHROMATOGRAM DATA

EL MONTE

DATE 10-17

TIME 1130 PST

PEAK	PPB	PEAK	PPB	PEAK	PPB
1	186.30	31	0.74	60	*****
2	21.34	32	4.56	61	4.72
3	109.66	33	4.52	62	*****
4	5.37	34	5.70	63	*****
5	*****	35	*****	64	23.32
6	*****	36	0.32	65	*****
7	5.06	37	2.51	66	*****
8	1.10	38	*****	67	0.92
9	9.07	39	*****	68	6.94
10	*****	40	*****	69	*****
11	*****	41	0.48	70	*****
12	1.69	42	*****	71	*****
13	8.18	43	*****	72	*****
14	6.82	44	0.57	73	*****
15	*****	45	0.42	74	1.34
16	67.89	46	29.59	75	*****
17	*****	47	*****	76	*****
18	23.12	48	0.43	77	*****
19	*****	49	*****	78	*****
20	*****	50	0.42	79	*****
21	*****	51	*****	80	1.26
22	1.84	52	*****	81	1.54
23	*****	53	0.49	82	1.51
24	*****	54	*****	83	*****
25	*****	55	*****	84	*****
26	7.58	56	*****	85	*****
27	3.47	57	*****	86	*****
28	1.93	58	*****	87	*****
29	*****	59	*****	88	1.80
30	*****			89	2.14

TOTAL CONCENTRATION 556.82

SCOTT RESEARCH LABORATORIES, INC.
L.A. BASIN PROJECT CHROMATOGRAM DATA

EL MONTE

DATE 10-18

TIME 0725 PST

PEAK	PPB	PEAK	PPB	PEAK	PPB
1	186.30	31	*****	60	*****
2	21.34	32	13.03	61	9.37
3	109.66	33	147.50	62	*****
4	14.95	34	23.37	63	*****
5	5.37	35	*****	64	38.96
6	*****	36	2.31	65	1.86
7	*****	37	9.13	66	*****
8	*****	38	*****	67	1.07
9	*****	39	1.23	68	12.83
10	*****	40	5.00	69	*****
11	6.40	41	*****	70	*****
12	9.56	42	0.68	71	1.02
13	40.28	43	0.56	72	*****
14	26.18	44	2.75	73	*****
15	*****	45	2.52	74	2.08
16	92.56	46	71.35	75	*****
17	60.98	47	6.81	76	*****
18	16.90	48	4.42	77	*****
19	*****	49	*****	78	*****
20	*****	50	2.40	79	*****
21	21.05	51	*****	80	1.88
22	5.18	52	*****	81	5.49
23	*****	53	3.38	82	3.98
24	*****	54	*****	83	1.43
25	2.26	55	*****	84	0.91
26	37.34	56	*****	85	*****
27	19.02	57	*****	86	0.98
28	9.89	58	0.63	87	0.88
29	2.54	59	1.13	88	7.64
30	3.10			89	1.96

TOTAL CONCENTRATION

1081.66

SCOTT RESEARCH LABORATORIES, INC.
L.A. BASIN PROJECT CHROMATOGRAM DATA

EL MONTE

DATE 10-18

TIME 0825 PST

PEAK	PPB	PEAK	PPB	PEAK	PPB
1	19.32	31	1.11	60	*****
2	*****	32	0.52	61	2.40
3	10.21	33	10.35	62	*****
4	*****	34	2.89	63	*****
5	*****	35	*****	64	11.41
6	*****	36	*****	65	*****
7	*****	37	0.75	66	*****
8	*****	38	*****	67	0.33
9	*****	39	*****	68	4.15
10	*****	40	*****	69	*****
11	0.53	41	*****	70	*****
12	0.61	42	*****	71	*****
13	4.43	43	*****	72	*****
14	2.70	44	*****	73	*****
15	0.70	45	*****	74	0.51
16	18.74	46	19.01	75	*****
17	11.60	47	*****	76	*****
18	10.59	48	*****	77	*****
19	*****	49	*****	78	*****
20	*****	50	*****	79	*****
21	1.76	51	*****	80	0.54
22	*****	52	*****	81	1.57
23	*****	53	*****	82	1.24
24	*****	54	2.89	83	*****
25	*****	55	*****	84	*****
26	7.09	56	*****	85	*****
27	2.74	57	*****	86	*****
28	1.10	58	*****	87	0.71
29	*****	59	*****	88	2.69
30	*****			89	0.56

TOTAL CONCENTRATION 155.87

SCOTT RESEARCH LABORATORIES, INC.
L.A. BASIN PROJECT CHROMATOGRAM DATA

EL MONTE

DATE 10-21

TIME 0810 PST

PEAK	PPB	PEAK	PPB	PEAK	PPB
1	88.96	31	*****	60	*****
2	2.50	32	4.79	61	4.01
3	23.37	33	3.17	62	*****
4	*****	34	3.89	63	*****
5	*****	35	*****	64	14.97
6	1.08	36	*****	65	*****
7	*****	37	2.36	66	*****
8	*****	38	*****	67	0.35
9	*****	39	*****	68	5.07
10	*****	40	1.66	69	*****
11	1.29	41	*****	70	*****
12	2.26	42	*****	71	0.47
13	16.02	43	*****	72	*****
14	8.72	44	0.94	73	*****
15	*****	45	0.69	74	0.77
16	15.84	46	31.07	75	*****
17	4.36	47	4.14	76	*****
18	3.33	48	2.01	77	*****
19	*****	49	*****	78	*****
20	*****	50	0.63	79	*****
21	5.78	51	*****	80	0.59
22	1.14	52	*****	81	3.01
23	*****	53	1.61	82	2.01
24	*****	54	3.18	83	*****
25	*****	55	*****	84	0.27
26	12.65	56	*****	85	*****
27	6.19	57	2.03	86	0.51
28	3.25	58	*****	87	*****
29	0.32	59	0.36	88	4.93
30	*****			89	0.67

TOTAL CONCENTRATION 297.42

SCOTT RESEARCH LABORATORIES, INC.
L.A. BASIN PROJECT CHROMATOGRAM DATA

EL MONTE

DATE 10-21

TIME 0920 PST

PEAK	PPB	PEAK	PPB	PEAK	PPB
1	25.10	31	*****	60	*****
2	*****	32	*****	61	36.38
3	11.84	33	30.11	62	*****
4	*****	34	*****	63	*****
5	*****	35	28.03	64	22.81
6	8.57	36	6.70	65	*****
7	18.35	37	9.09	66	*****
8	*****	38	1.99	67	14.98
9	*****	39	*****	68	10.58
10	*****	40	*****	69	*****
11	42.37	41	12.75	70	*****
12	18.20	42	3.36	71	13.33
13	66.20	43	5.62	72	*****
14	29.12	44	3.47	73	13.18
15	5.63	45	4.97	74	9.44
16	70.37	46	29.35	75	*****
17	*****	47	7.52	76	*****
18	*****	48	4.20	77	*****
19	77.92	49	5.96	78	20.70
20	*****	50	*****	79	12.86
21	16.62	51	6.32	80	12.22
22	14.31	52	12.22	81	9.84
23	11.47	53	3.96	82	7.20
24	*****	54	10.65	83	4.46
25	13.24	55	1.29	84	3.44
26	13.44	56	3.11	85	3.59
27	14.07	57	15.51	86	10.51
28	6.14	58	*****	87	18.28
29	2.96	59	*****	88	13.06
30	10.89			89	11.71

TOTAL CONCENTRATION

931.79

SCOTT RESEARCH LABORATORIES, INC.
L.A. BASIN PROJECT CHROMATOGRAM DATA

EL MONTE

DATE 10-21

TIME 1235 PST

PEAK	PPB	PEAK	PPB	PEAK	PPB
1	30.94	31	2.62	60	*****
2	10.66	32	*****	61	2.34
3	12.40	33	10.57	62	*****
4	*****	34	3.54	63	*****
5	*****	35	*****	64	6.33
6	*****	36	*****	65	*****
7	0.58	37	1.58	66	*****
8	6.77	38	*****	67	0.33
9	*****	39	*****	68	3.15
10	13.82	40	*****	69	*****
11	3.28	41	*****	70	*****
12	5.38	42	*****	71	0.50
13	6.82	43	*****	72	*****
14	3.26	44	*****	73	*****
15	1.17	45	*****	74	0.96
16	14.67	46	28.43	75	*****
17	18.72	47	2.31	76	*****
18	*****	48	0.61	77	*****
19	*****	49	*****	78	*****
20	*****	50	*****	79	*****
21	3.37	51	*****	80	0.34
22	*****	52	*****	81	1.84
23	*****	53	1.16	82	1.76
24	*****	54	2.67	83	*****
25	*****	55	*****	84	*****
26	7.14	56	*****	85	*****
27	2.85	57	1.10	86	*****
28	1.32	58	*****	87	1.05
29	*****	59	*****	88	*****
30	*****			89	1.06

TOTAL CONCENTRATION

217.56

SCOTT RESEARCH LABORATORIES, INC.
L.A. BASIN PROJECT CHROMATOGRAM DATA

EL MONTE

DATE 10-21

TIME 1330 PST

PEAK	PPB	PEAK	PPB	PEAK	PPB
1	26.54	31	*****	60	*****
2	*****	32	14.53	61	2.85
3	13.55	33	*****	62	*****
4	*****	34	7.86	63	*****
5	*****	35	*****	64	9.04
6	*****	36	*****	65	*****
7	*****	37	2.55	66	*****
8	*****	38	*****	67	0.50
9	*****	39	*****	68	3.64
10	*****	40	1.13	69	*****
11	3.18	41	*****	70	*****
12	11.60	42	*****	71	0.86
13	37.38	43	*****	72	*****
14	17.55	44	*****	73	0.57
15	8.76	45	*****	74	1.63
16	24.25	46	35.20	75	*****
17	9.77	47	2.99	76	*****
18	35.98	48	1.16	77	*****
19	*****	49	*****	78	*****
20	*****	50	*****	79	0.29
21	15.64	51	*****	80	0.53
22	1.32	52	1.55	81	1.99
23	*****	53	1.78	82	2.18
24	*****	54	4.35	83	*****
25	7.61	55	*****	84	*****
26	8.08	56	*****	85	*****
27	3.58	57	1.77	86	*****
28	1.57	58	*****	87	1.25
29	6.75	59	0.55	88	1.75
30	*****			89	3.00

TOTAL CONCENTRATION

338.69

SCOTT RESEARCH LABORATORIES, INC.
L.A. BASIN PROJECT CHROMATOGRAM DATA

EL MONTE

DATE 10-21

TIME 1520 PST

PEAK	PPB	PEAK	PPB	PEAK	PPB
1	*****	31	*****	60	*****
2	*****	32	*****	61	2.86
3	*****	33	18.60	62	*****
4	*****	34	6.21	63	*****
5	*****	35	*****	64	9.74
6	*****	36	*****	65	*****
7	*****	37	2.79	66	*****
8	*****	38	*****	67	0.61
9	*****	39	*****	68	4.22
10	*****	40	*****	69	*****
11	*****	41	2.32	70	1.08
12	*****	42	*****	71	*****
13	*****	43	*****	72	*****
14	*****	44	0.47	73	0.37
15	*****	45	0.76	74	1.41
16	24.24	46	31.37	75	*****
17	24.29	47	2.76	76	*****
18	*****	48	0.91	77	0.89
19	*****	49	*****	78	*****
20	*****	50	1.74	79	*****
21	5.46	51	*****	80	*****
22	1.63	52	2.29	81	2.39
23	*****	53	1.38	82	1.51
24	*****	54	2.53	83	*****
25	0.34	55	*****	84	*****
26	9.69	56	*****	85	0.39
27	4.10	57	1.79	86	*****
28	1.85	58	*****	87	*****
29	*****	59	0.48	88	4.02
30	4.06			89	*****

TOTAL CONCENTRATION 181.71

SCOTT RESEARCH LABORATORIES, INC.
L.A. BASIN PROJECT CHROMATOGRAM DATA

EL MONTE

DATE 10-22

TIME 0735 PST

PEAK	PPB	PEAK	PPB	PEAK	PPB
1	59.80	31	8.82	60	*****
2	*****	32	*****	61	5.04
3	29.93	33	4.21	62	*****
4	0.51	34	5.44	63	*****
5	*****	35	*****	64	19.48
6	*****	36	*****	65	1.24
7	*****	37	4.37	66	*****
8	*****	38	*****	67	0.51
9	*****	39	*****	68	6.91
10	*****	40	3.15	69	*****
11	1.68	41	*****	70	*****
12	2.64	42	*****	71	0.71
13	18.01	43	0.37	72	*****
14	10.02	44	1.73	73	*****
15	*****	45	1.21	74	0.67
16	21.86	46	36.61	75	*****
17	*****	47	4.61	76	*****
18	11.09	48	2.56	77	*****
19	*****	49	*****	78	*****
20	*****	50	1.01	79	*****
21	9.11	51	*****	80	0.65
22	0.88	52	*****	81	4.15
23	*****	53	2.07	82	2.64
24	*****	54	2.06	83	1.50
25	*****	55	*****	84	1.37
26	17.44	56	*****	85	*****
27	8.45	57	0.52	86	0.88
28	4.31	58	*****	87	0.34
29	0.73	59	0.52	88	7.11
30	0.90			89	1.31

TOTAL CONCENTRATION 331.34

SCOTT RESEARCH LABORATORIES, INC.
L.A. BASIN PROJECT CHROMATOGRAM DATA

EL MONTE

DATE 10-22

TIME 0843 PST

PEAK	PPB	PEAK	PPB	PEAK	PPB
1	32.08	31	4.24	60	*****
2	*****	32	2.28	61	3.07
3	17.78	33	6.99	62	*****
4	*****	34	3.05	63	*****
5	*****	35	*****	64	10.42
6	*****	36	*****	65	*****
7	*****	37	3.22	66	*****
8	13.22	38	*****	67	*****
9	*****	39	*****	68	3.31
10	25.97	40	0.52	69	*****
11	12.38	41	9.54	70	0.33
12	10.88	42	*****	71	*****
13	16.33	43	*****	72	*****
14	5.16	44	0.59	73	*****
15	12.77	45	0.79	74	0.23
16	16.55	46	25.99	75	*****
17	13.59	47	0.81	76	*****
18	6.84	48	0.91	77	*****
19	4.65	49	*****	78	*****
20	3.33	50	2.05	79	*****
21	4.38	51	2.84	80	*****
22	*****	52	*****	81	3.69
23	0.48	53	1.02	82	2.18
24	0.64	54	2.02	83	1.19
25	*****	55	*****	84	*****
26	11.06	56	0.78	85	*****
27	4.55	57	*****	86	0.28
28	2.43	58	*****	87	0.88
29	0.31	59	0.32	88	3.13
30	*****			89	0.45

TOTAL CONCENTRATION 312.68

SCOTT RESEARCH LABORATORIES, INC.
L.A. BASIN PROJECT CHROMATOGRAM DATA

EL MONTE

DATE 10-22

TIME 0945 PST

PEAK	PPR	PEAK	PPB	PEAK	PPB
1	25.16	31	2.72	60	*****
2	*****	32	*****	61	2.29
3	12.21	33	3.38	62	*****
4	*****	34	1.26	63	*****
5	*****	35	*****	64	8.14
6	*****	36	*****	65	*****
7	0.37	37	0.91	66	*****
8	*****	38	*****	67	*****
9	*****	39	*****	68	2.39
10	9.81	40	*****	69	*****
11	0.37	41	*****	70	*****
12	0.52	42	*****	71	*****
13	6.35	43	*****	72	*****
14	5.39	44	*****	73	*****
15	*****	45	*****	74	0.54
16	6.39	46	26.61	75	*****
17	*****	47	2.84	76	*****
18	*****	48	0.53	77	*****
19	*****	49	*****	78	*****
20	1.04	50	*****	79	*****
21	2.10	51	*****	80	0.29
22	*****	52	*****	81	1.62
23	1.80	53	*****	82	1.83
24	*****	54	4.07	83	*****
25	*****	55	*****	84	*****
26	6.74	56	*****	85	*****
27	2.59	57	0.67	86	*****
28	1.26	58	*****	87	0.64
29	*****	59	*****	88	1.75
30	*****			89	0.31

TOTAL CONCENTRATION 145.03

SCOTT RESEARCH LABORATORIES, INC.
L.A. BASIN PROJECT CHROMATOGRAM DATA

EL MONTE

DATE 10-22

TIME 1155 PST

PEAK	PPB	PEAK	PPB	PEAK	PPB
1	54.15	31	2.62	60	0.43
2	*****	32	3.87	61	6.27
3	28.85	33	11.76	62	*****
4	*****	34	6.07	63	*****
5	*****	35	*****	64	15.67
6	*****	36	0.37	65	1.18
7	*****	37	6.15	66	*****
8	14.77	38	*****	67	*****
9	*****	39	*****	68	8.21
10	*****	40	1.07	69	*****
11	4.82	41	1.49	70	1.75
12	9.37	42	*****	71	*****
13	29.89	43	0.48	72	*****
14	17.20	44	*****	73	*****
15	*****	45	0.59	74	1.63
16	22.57	46	52.73	75	*****
17	*****	47	6.14	76	*****
18	25.03	48	1.96	77	0.54
19	*****	49	*****	78	0.63
20	0.44	50	0.87	79	0.61
21	9.53	51	*****	80	0.72
22	*****	52	0.66	81	3.08
23	0.57	53	3.53	82	3.47
24	*****	54	5.50	83	0.71
25	*****	55	*****	84	*****
26	18.22	56	*****	85	0.29
27	6.82	57	3.22	86	0.95
28	3.91	58	0.91	87	*****
29	1.12	59	0.92	88	5.22
30	*****			89	3.28

TOTAL CONCENTRATION 413.06

SCOTT RESEARCH LABORATORIES, INC.
L.A. BASIN PROJECT CHROMATOGRAM DATA

EL MONTE

DATE 10-22

TIME 1325 PST

PEAK	PPB	PEAK	PPB	PEAK	PPB
1	58.50	31	*****	60	*****
2	*****	32	7.23	61	4.64
3	29.67	33	5.40	62	*****
4	*****	34	5.62	63	*****
5	*****	35	*****	64	11.90
6	*****	36	*****	65	*****
7	*****	37	5.88	66	*****
8	*****	38	*****	67	0.41
9	*****	39	*****	68	5.69
10	*****	40	2.65	69	*****
11	2.20	41	*****	70	1.02
12	4.68	42	*****	71	0.48
13	26.71	43	0.50	72	*****
14	25.32	44	0.28	73	*****
15	*****	45	0.83	74	1.18
16	17.22	46	42.32	75	*****
17	*****	47	5.27	76	*****
18	38.74	48	1.89	77	0.45
19	*****	49	*****	78	0.67
20	*****	50	0.71	79	*****
21	15.58	51	*****	80	0.46
22	2.83	52	1.06	81	2.15
23	*****	53	2.95	82	2.54
24	*****	54	3.99	83	1.78
25	*****	55	*****	84	*****
26	16.30	56	*****	85	*****
27	6.84	57	1.81	86	0.78
28	3.85	58	0.55	87	1.51
29	0.95	59	0.73	88	2.71
30	2.65			89	3.21

TOTAL CONCENTRATION

383.47

SCOTT RESEARCH LABORATORIES, INC.
L.A. BASIN PROJECT CHROMATOGRAM DATA

EL MONTE

DATE 10-22

TIME 1435 PST

PEAK	PPB	PEAK	PPB	PEAK	PPB
1	31.12	31	3.33	60	*****
2	*****	32	2.85	61	2.52
3	15.56	33	6.28	62	*****
4	*****	34	3.01	63	*****
5	*****	35	*****	64	6.99
6	*****	36	*****	65	*****
7	*****	37	2.36	66	*****
8	*****	38	*****	67	0.39
9	*****	39	*****	68	3.96
10	*****	40	0.33	69	*****
11	1.50	41	0.76	70	0.82
12	4.54	42	*****	71	*****
13	21.38	43	0.42	72	*****
14	8.91	44	0.31	73	*****
15	1.78	45	0.31	74	0.84
16	24.33	46	30.24	75	*****
17	8.14	47	3.36	76	*****
18	35.98	48	0.97	77	*****
19	*****	49	*****	78	0.53
20	9.64	50	0.28	79	*****
21	4.97	51	*****	80	0.28
22	1.38	52	0.79	81	1.54
23	1.95	53	1.49	82	2.03
24	*****	54	2.17	83	*****
25	7.26	55	*****	84	*****
26	*****	56	*****	85	*****
27	3.20	57	1.62	86	*****
28	1.71	58	*****	87	*****
29	*****	59	0.36	88	2.71
30	*****			89	1.09

TOTAL CONCENTRATION 268.48

SCOTT RESEARCH LABORATORIES, INC.
L.A. BASIN PROJECT CHROMATOGRAM DATA

EL MONTE

DATE 10-23

TIME 0735 PST

PEAK	PPB	PEAK	PPB	PEAK	PPB
1	*****	31	8.38	60	*****
2	*****	32	6.16	61	7.12
3	*****	33	6.77	62	*****
4	*****	34	10.24	63	*****
5	*****	35	*****	64	26.54
6	*****	36	*****	65	1.71
7	*****	37	14.19	66	*****
8	*****	38	1.48	67	*****
9	*****	39	*****	68	10.57
10	*****	40	3.55	69	*****
11	*****	41	2.18	70	*****
12	*****	42	0.93	71	1.46
13	*****	43	1.60	72	*****
14	7.76	44	1.48	73	*****
15	*****	45	1.30	74	1.31
16	92.34	46	51.83	75	*****
17	27.35	47	7.18	76	*****
18	*****	48	4.22	77	*****
19	*****	49	*****	78	0.61
20	*****	50	0.84	79	0.37
21	14.81	51	*****	80	0.87
22	1.89	52	*****	81	5.27
23	*****	53	2.99	82	3.86
24	*****	54	3.09	83	1.35
25	0.59	55	*****	84	0.96
26	21.77	56	*****	85	*****
27	12.16	57	0.84	86	1.11
28	7.35	58	0.45	87	0.90
29	3.49	59	0.88	88	9.17
30	3.46			89	2.73

TOTAL CONCENTRATION 399.67

SCOTT RESEARCH LABORATORIES, INC.
L.A. BASIN PROJECT CHROMATOGRAM DATA

EL MONTE

DATE 10-23

TIME 0845 PST

PEAK	PPB	PEAK	PPB	PEAK	PPB
1	31.53	31	6.56	60	*****
2	*****	32	*****	61	4.28
3	16.45	33	2.73	62	*****
4	*****	34	4.70	63	*****
5	*****	35	*****	64	14.01
6	*****	36	*****	65	*****
7	1.83	37	13.97	66	*****
8	*****	38	*****	67	0.37
9	15.32	39	*****	68	5.05
10	*****	40	1.61	69	*****
11	0.63	41	0.98	70	0.54
12	0.86	42	0.29	71	*****
13	9.55	43	0.58	72	*****
14	6.40	44	*****	73	*****
15	*****	45	*****	74	0.78
16	46.76	46	37.34	75	*****
17	*****	47	4.65	76	*****
18	*****	48	1.47	77	*****
19	*****	49	*****	78	0.67
20	*****	50	*****	79	0.32
21	6.70	51	*****	80	0.42
22	1.14	52	*****	81	2.87
23	*****	53	0.97	82	3.97
24	*****	54	3.60	83	*****
25	*****	55	*****	84	0.30
26	11.29	56	*****	85	*****
27	7.39	57	0.94	86	0.47
28	4.83	58	*****	87	0.88
29	1.58	59	*****	88	4.50
30	1.18			89	0.63

TOTAL CONCENTRATION 284.09

SCOTT RESEARCH LABORATORIES, INC.
L.A. BASIN PROJECT CHROMATOGRAM DATA

TIME 1205 PST

DATE 10-23

EL MONTE

PEAK	PPB	PEAK	PPB	PEAK	PPB
1	16.46	31	2.02	60	*****
2	*****	32	*****	61	1.05
3	9.62	33	3.38	62	*****
4	*****	34	0.47	63	*****
5	*****	35	*****	64	4.06
6	*****	36	*****	65	*****
7	*****	37	*****	66	*****
8	*****	38	*****	67	*****
9	*****	39	*****	68	2.05
10	*****	40	*****	69	*****
11	0.75	41	*****	70	*****
12	5.26	42	*****	71	*****
13	13.49	43	*****	72	*****
14	13.75	44	*****	73	*****
15	4.67	45	*****	74	0.44
16	8.25	46	21.00	75	*****
17	7.60	47	*****	76	*****
18	4.12	48	*****	77	*****
19	*****	49	*****	78	*****
20	*****	50	*****	79	*****
21	*****	51	*****	80	*****
22	*****	52	*****	81	1.10
23	*****	53	*****	82	1.88
24	*****	54	2.01	83	*****
25	*****	55	*****	84	*****
26	2.42	56	*****	85	*****
27	0.61	57	2.19	86	*****
28	*****	58	*****	87	*****
29	*****	59	*****	88	1.59
30	*****			89	*****

TOTAL CONCENTRATION

130.33

SCOTT RESEARCH LABORATORIES, INC.
L.A. BASIN PROJECT CHROMATOGRAM DATA

EL MONTE

DATE 10-23

TIME 1355 PST

PEAK	PPB	PEAK	PPB	PEAK	PPB
1	*****	31	12.82	60	*****
2	*****	32	*****	61	3.38
3	28.02	33	4.69	62	*****
4	*****	34	3.08	63	*****
5	*****	35	*****	64	*****
6	0.61	36	*****	65	*****
7	3.39	37	2.72	66	*****
8	4.59	38	*****	67	*****
9	*****	39	*****	68	*****
10	*****	40	3.87	69	*****
11	1.82	41	*****	70	*****
12	7.07	42	*****	71	*****
13	31.46	43	*****	72	*****
14	15.00	44	2.38	73	*****
15	*****	45	2.39	74	*****
16	13.07	46	39.90	75	*****
17	*****	47	6.35	76	*****
18	9.02	48	2.80	77	*****
19	*****	49	*****	78	*****
20	*****	50	1.24	79	*****
21	8.52	51	*****	80	*****
22	0.55	52	*****	81	*****
23	*****	53	2.11	82	*****
24	*****	54	2.63	83	*****
25	*****	55	*****	84	1.58
26	12.58	56	*****	85	*****
27	6.40	57	2.24	86	*****
28	2.98	58	*****	87	*****
29	0.37	59	*****	88	0.98
30	1.10			89	2.31

TOTAL CONCENTRATION 244.46

SCOTT RESEARCH LABORATORIES, INC.
L.A. BASIN PROJECT CHROMATOGRAM DATA

EL MONTE

DATE 10-24

TIME 0705 PST

PEAK	PPR	PEAK	PPB	PEAK	PPB
1	95.13	31	*****	60	*****
2	35.67	32	31.50	61	45.05
3	69.30	33	30.39	62	*****
4	26.51	34	39.42	63	*****
5	13.42	35	*****	64	43.80
6	19.62	36	11.03	65	9.54
7	*****	37	18.29	66	2.11
8	48.38	38	6.26	67	15.33
9	*****	39	4.46	68	29.10
10	112.31	40	12.25	69	*****
11	32.39	41	10.99	70	16.93
12	33.82	42	9.59	71	*****
13	87.00	43	9.14	72	*****
14	43.96	44	8.76	73	18.88
15	37.84	45	12.18	74	15.17
16	75.81	46	61.72	75	*****
17	122.54	47	19.18	76	*****
18	*****	48	21.84	77	*****
19	*****	49	*****	78	30.21
20	*****	50	7.92	79	14.51
21	35.96	51	*****	80	16.24
22	18.87	52	12.55	81	17.28
23	10.23	53	9.71	82	21.20
24	6.11	54	20.13	83	*****
25	18.10	55	*****	84	13.52
26	30.21	56	*****	85	7.29
27	36.15	57	28.29	86	19.77
28	16.14	58	11.75	87	18.99
29	9.34	59	12.56	88	30.36
30	*****			89	15.26

TOTAL CONCENTRATION 1845.49

SCOTT RESEARCH LABORATORIES, INC.
L.A. BASIN PROJECT CHROMATOGRAM DATA

EL MONTE

DATE 10-24

TIME 0830 PST

PEAK	PPB	PEAK	PPB	PEAK	PPB
1	*****	31	1.94	60	*****
2	*****	32	0.97	61	2.40
3	*****	33	2.59	62	*****
4	*****	34	1.85	63	*****
5	*****	35	*****	64	10.10
6	*****	36	*****	65	*****
7	*****	37	1.12	66	*****
8	*****	38	*****	67	*****
9	*****	39	*****	68	2.82
10	*****	40	*****	69	*****
11	*****	41	*****	70	*****
12	*****	42	*****	71	*****
13	*****	43	*****	72	*****
14	*****	44	*****	73	*****
15	*****	45	*****	74	1.14
16	8.82	46	23.71	75	*****
17	6.59	47	2.45	76	*****
18	*****	48	0.38	77	*****
19	*****	49	*****	78	*****
20	6.32	50	*****	79	*****
21	*****	51	*****	80	0.51
22	*****	52	*****	81	2.19
23	*****	53	0.48	82	3.04
24	*****	54	1.88	83	*****
25	5.97	55	*****	84	*****
26	*****	56	*****	85	*****
27	3.07	57	1.04	86	0.93
28	1.49	58	*****	87	*****
29	*****	59	*****	88	2.73
30	*****			89	*****

TOTAL CONCENTRATION 96.65

SCOTT RESEARCH LABORATORIES, INC.
L.A. BASIN PROJECT CHROMATOGRAM DATA

EL MONTE

DATE 10-24

TIME 0935 PST

PEAK	PPB	PEAK	PPB	PEAK	PPB
1	33.93	31	6.57	60	*****
2	*****	32	*****	61	2.01
3	14.50	33	2.58	62	*****
4	*****	34	1.48	63	*****
5	*****	35	*****	64	7.51
6	*****	36	*****	65	*****
7	*****	37	1.24	66	*****
8	9.27	38	*****	67	*****
9	*****	39	*****	68	2.10
10	*****	40	1.66	69	*****
11	0.48	41	*****	70	*****
12	1.77	42	*****	71	*****
13	12.91	43	*****	72	*****
14	6.54	44	1.18	73	*****
15	*****	45	1.08	74	0.36
16	6.65	46	25.11	75	*****
17	*****	47	3.98	76	*****
18	*****	48	1.38	77	*****
19	*****	49	*****	78	*****
20	*****	50	0.73	79	*****
21	1.96	51	*****	80	*****
22	0.62	52	*****	81	1.71
23	*****	53	1.15	82	2.47
24	*****	54	1.98	83	*****
25	*****	55	*****	84	*****
26	5.38	56	*****	85	*****
27	3.40	57	0.90	86	*****
28	1.42	58	*****	87	0.23
29	*****	59	*****	88	2.17
30	*****			89	0.25

TOTAL CONCENTRATION 168.79

SCOTT RESEARCH LABORATORIES, INC.
L.A. BASIN PROJECT CHROMATOGRAM DATA

EL MONTE

DATE 10-24

TIME 1155 PST

PEAK	PPB	PEAK	PPB	PEAK	PPB
1	14.33	31	2.22	60	*****
2	*****	32	*****	61	1.45
3	5.18	33	2.75	62	*****
4	*****	34	0.80	63	*****
5	*****	35	*****	64	6.14
6	*****	36	*****	65	*****
7	*****	37	5.16	66	*****
8	*****	38	*****	67	*****
9	14.16	39	*****	68	2.42
10	0.75	40	*****	69	*****
11	*****	41	*****	70	*****
12	*****	42	*****	71	*****
13	2.86	43	*****	72	*****
14	2.72	44	*****	73	*****
15	*****	45	*****	74	0.47
16	1.86	46	25.22	75	*****
17	*****	47	*****	76	*****
18	*****	48	*****	77	*****
19	*****	49	*****	78	*****
20	*****	50	*****	79	*****
21	2.03	51	*****	80	*****
22	0.41	52	*****	81	1.71
23	*****	53	*****	82	3.25
24	*****	54	2.05	83	*****
25	*****	55	*****	84	*****
26	2.55	56	*****	85	*****
27	1.67	57	3.58	86	*****
28	1.07	58	*****	87	*****
29	*****	59	*****	88	2.18
30	*****			89	*****

TOTAL CONCENTRATION

109.08

SCOTT RESEARCH LABORATORIES, INC.
L.A. BASIN PROJECT CHROMATOGRAM DATA

EL MONTE

DATE 10-24

TIME 1415 PST

PEAK	PPB	PEAK	PPB	PEAK	PPB
1	28.65	31	7.16	60	*****
2	*****	32	*****	61	2.40
3	10.05	33	4.14	62	*****
4	*****	34	1.42	63	*****
5	*****	35	*****	64	7.95
6	*****	36	*****	65	*****
7	*****	37	4.31	66	*****
8	*****	38	*****	67	*****
9	*****	39	*****	68	2.91
10	*****	40	1.20	69	*****
11	*****	41	*****	70	*****
12	3.38	42	*****	71	*****
13	13.05	43	*****	72	*****
14	5.44	44	0.91	73	*****
15	*****	45	1.10	74	0.49
16	3.26	46	29.84	75	*****
17	*****	47	3.75	76	*****
18	2.90	48	0.81	77	*****
19	*****	49	*****	78	0.34
20	*****	50	0.57	79	*****
21	0.50	51	*****	80	0.36
22	2.40	52	*****	81	1.92
23	0.45	53	0.70	82	3.78
24	*****	54	1.47	83	*****
25	*****	55	*****	84	*****
26	4.34	56	*****	85	*****
27	3.01	57	*****	86	*****
28	1.53	58	*****	87	0.60
29	*****	59	*****	88	2.55
30	*****			89	0.27

TOTAL CONCENTRATION 160.06

SCOTT RESEARCH LABORATORIES, INC.
L.A. BASIN PROJECT CHROMATOGRAM DATA

EL MONTE

DATE 10-25

TIME 0720 PST

PEAK	PPB	PEAK	PPB	PEAK	PPB
1	142.55	31	38.61	60	26.03
2	*****	32	*****	61	35.50
3	79.41	33	34.23	62	*****
4	32.04	34	46.74	63	*****
5	18.64	35	*****	64	59.54
6	32.55	36	15.42	65	13.50
7	7.05	37	4.74	66	9.87
8	20.27	38	12.63	67	14.67
9	53.76	39	*****	68	38.95
10	20.96	40	34.01	69	*****
11	11.92	41	*****	70	*****
12	28.22	42	13.74	71	*****
13	80.30	43	9.60	72	21.52
14	64.76	44	13.77	73	*****
15	*****	45	18.83	74	*****
16	51.26	46	88.36	75	42.11
17	57.08	47	25.97	76	*****
18	21.69	48	27.79	77	26.40
19	*****	49	*****	78	13.00
20	5.74	50	12.75	79	15.21
21	39.97	51	11.51	80	21.16
22	24.00	52	13.18	81	22.82
23	*****	53	14.82	82	14.59
24	13.52	54	28.04	83	13.10
25	37.01	55	*****	84	15.48
26	72.23	56	9.42	85	8.87
27	51.24	57	25.23	86	27.16
28	23.16	58	16.01	87	23.69
29	12.51	59	17.34	88	35.30
30	9.24			89	*****

TOTAL CONCENTRATION 2016.48

SCOTT RESEARCH LABORATORIES, INC.
L.A. BASIN PROJECT CHROMATOGRAM DATA

EL MONTE

DATE 10-25

TIME 0830 PST

PEAK	PPB	PEAK	PPB	PEAK	PPB
1	38.77	31	8.01	60	*****
2	*****	32	*****	61	4.16
3	21.30	33	6.42	62	*****
4	*****	34	3.87	63	*****
5	*****	35	*****	64	14.21
6	0.60	36	0.35	65	*****
7	*****	37	5.94	66	*****
8	*****	38	*****	67	0.63
9	4.99	39	*****	68	6.13
10	*****	40	*****	69	*****
11	3.32	41	1.61	70	0.74
12	1.00	42	*****	71	*****
13	16.46	43	*****	72	*****
14	5.82	44	0.49	73	*****
15	*****	45	0.28	74	0.44
16	12.38	46	33.13	75	*****
17	*****	47	1.12	76	*****
18	7.66	48	1.43	77	*****
19	*****	49	*****	78	*****
20	*****	50	*****	79	*****
21	7.25	51	*****	80	0.71
22	0.62	52	*****	81	3.28
23	*****	53	1.32	82	4.07
24	*****	54	3.73	83	*****
25	*****	55	*****	84	0.56
26	10.86	56	*****	85	*****
27	5.81	57	0.95	86	0.71
28	3.22	58	*****	87	0.47
29	0.56	59	0.29	88	4.52
30	*****			89	0.41

TOTAL CONCENTRATION 250.77

SCOTT RESEARCH LABORATORIES, INC.
L.A. BASIN PROJECT CHROMATOGRAM DATA

EL MONTE

DATE 10-25

TIME 1005 PST

PEAK	PPB	PEAK	PPB	PEAK	PPB
1	25.68	31	2.44	60	*****
2	*****	32	1.74	61	2.74
3	11.91	33	6.61	62	*****
4	*****	34	1.93	63	*****
5	*****	35	*****	64	9.79
6	*****	36	0.75	65	*****
7	*****	37	1.03	66	*****
8	9.99	38	*****	67	*****
9	*****	39	*****	68	3.73
10	0.44	40	*****	69	*****
11	3.04	41	*****	70	0.41
12	3.19	42	*****	71	*****
13	17.99	43	*****	72	*****
14	13.43	44	0.30	73	*****
15	1.38	45	*****	74	0.57
16	8.14	46	29.18	75	*****
17	*****	47	3.17	76	*****
18	4.77	48	1.53	77	*****
19	*****	49	*****	78	*****
20	0.34	50	*****	79	0.36
21	4.70	51	*****	80	*****
22	*****	52	*****	81	3.41
23	*****	53	0.60	82	5.50
24	*****	54	1.44	83	*****
25	*****	55	*****	84	*****
26	6.59	56	*****	85	*****
27	2.55	57	2.01	86	0.41
28	1.11	58	*****	87	0.51
29	*****	59	*****	88	3.13
30	*****			89	0.82

TOTAL CONCENTRATION 199.50

SCOTT RESEARCH LABORATORIES, INC.
L.A. BASIN PROJECT CHROMATOGRAM DATA

EL MONTE

DATE 10-25

TIME 1250 PST

PEAK	PPB	PEAK	PPB	PEAK	PPB
1	42.53	31	6.84	60	*****
2	*****	32	*****	61	2.82
3	21.46	33	14.04	62	*****
4	*****	34	3.44	63	*****
5	*****	35	*****	64	8.99
6	*****	36	1.11	65	*****
7	*****	37	2.72	66	*****
8	11.73	38	*****	67	*****
9	*****	39	*****	68	4.99
10	*****	40	*****	69	*****
11	2.96	41	*****	70	0.48
12	7.45	42	*****	71	*****
13	30.07	43	*****	72	*****
14	14.51	44	*****	73	*****
15	11.49	45	*****	74	0.47
16	20.82	46	*****	75	*****
17	*****	47	3.37	76	*****
18	30.56	48	2.02	77	*****
19	*****	49	*****	78	*****
20	4.36	50	*****	79	0.86
21	11.77	51	*****	80	*****
22	3.22	52	1.22	81	2.55
23	*****	53	0.93	82	4.08
24	*****	54	1.64	83	*****
25	*****	55	*****	84	*****
26	11.59	56	*****	85	*****
27	3.18	57	1.96	86	0.36
28	1.70	58	*****	87	1.35
29	*****	59	*****	88	2.88
30	*****			89	0.32

TOTAL CONCENTRATION 298.99

SCOTT RESEARCH LABORATORIES, INC.
L.A. BASIN PROJECT CHROMATOGRAM DATA

EL MONTE

DATE 10-25

TIME 1455 PST

PEAK	PPB	PEAK	PPB	PEAK	PPB
1	39.57	31	*****	60	7.14
2	*****	32	38.49	61	26.87
3	29.84	33	*****	62	*****
4	11.54	34	26.24	63	*****
5	*****	35	*****	64	31.69
6	34.93	36	16.24	65	*****
7	*****	37	22.62	66	14.02
8	62.61	38	*****	67	8.72
9	*****	39	5.56	68	15.72
10	*****	40	14.43	69	9.73
11	53.51	41	*****	70	12.38
12	29.49	42	5.93	71	*****
13	79.06	43	9.29	72	*****
14	45.33	44	4.22	73	12.93
15	38.74	45	7.67	74	15.67
16	47.89	46	61.52	75	*****
17	*****	47	11.55	76	*****
18	89.38	48	9.00	77	14.16
19	13.84	49	8.79	78	11.51
20	9.98	50	6.63	79	12.65
21	26.42	51	2.77	80	14.16
22	11.52	52	20.27	81	13.56
23	10.21	53	7.24	82	6.66
24	17.63	54	12.07	83	5.22
25	14.95	55	8.54	84	6.24
26	18.30	56	*****	85	6.34
27	21.59	57	21.64	86	17.93
28	8.60	58	8.79	87	19.43
29	5.52	59	6.20	88	15.82
30	20.00			89	16.55

TOTAL CONCENTRATION 1391.47

SCOTT RESEARCH LABORATORIES, INC.
L.A. BASIN PROJECT CHROMATOGRAM DATA

EL MONTE

DATE 10-28

TIME 1030 PST

PEAK	PPB	PEAK	PPB	PEAK	PPB
1	40.85	31	15.64	60	*****
2	*****	32	5.57	61	25.94
3	19.77	33	24.81	62	*****
4	*****	34	27.67	63	*****
5	17.57	35	*****	64	31.99
6	9.84	36	9.70	65	*****
7	22.32	37	11.08	66	13.45
8	*****	38	5.61	67	*****
9	26.57	39	5.62	68	23.86
10	29.66	40	1.29	69	*****
11	15.61	41	7.40	70	13.91
12	30.61	42	5.61	71	11.31
13	93.80	43	5.18	72	*****
14	51.84	44	5.02	73	17.19
15	41.82	45	8.09	74	12.27
16	44.91	46	41.89	75	*****
17	*****	47	10.80	76	*****
18	46.82	48	7.71	77	*****
19	119.13	49	8.46	78	24.53
20	*****	50	10.45	79	14.29
21	31.24	51	*****	80	13.65
22	16.52	52	21.70	81	15.52
23	24.70	53	6.79	82	8.33
24	*****	54	7.31	83	8.57
25	10.43	55	7.97	84	9.16
26	17.70	56	*****	85	4.57
27	19.45	57	9.51	86	17.77
28	7.72	58	8.03	87	20.46
29	4.79	59	5.80	88	13.55
30	*****			89	14.06

TOTAL CONCENTRATION 1343.04

SCOTT RESEARCH LABORATORIES, INC.
L.A. BASIN PROJECT CHROMATOGRAM DATA

EL MONTE

DATE 10-28

TIME 1135 PST

PEAK	PPB	PEAK	PPB	PEAK	PPB
1	59.95	31	24.09	60	*****
2	*****	32	*****	61	30.88
3	41.35	33	20.58	62	*****
4	*****	34	27.96	63	2.08
5	*****	35	*****	64	29.71
6	38.17	36	11.59	65	5.81
7	20.41	37	21.97	66	14.35
8	*****	38	*****	67	8.16
9	*****	39	1.42	68	18.43
10	*****	40	1.62	69	*****
11	52.44	41	9.79	70	10.19
12	32.00	42	2.53	71	12.70
13	87.96	43	10.73	72	*****
14	37.58	44	4.91	73	16.09
15	26.73	45	8.71	74	13.42
16	74.02	46	49.15	75	*****
17	*****	47	13.09	76	*****
18	110.78	48	8.15	77	*****
19	*****	49	10.13	78	27.10
20	*****	50	11.31	79	15.19
21	30.57	51	*****	80	13.83
22	44.37	52	21.77	81	16.96
23	*****	53	8.26	82	8.72
24	*****	54	8.48	83	10.27
25	13.24	55	9.16	84	8.94
26	22.79	56	*****	85	5.94
27	26.84	57	11.39	86	19.51
28	9.35	58	10.15	87	21.14
29	6.01	59	7.64	88	15.53
30	*****			89	18.25

TOTAL CONCENTRATION 1392.60

SCOTT RESEARCH LABORATORIES, INC.
L.A. BASIN PROJECT CHROMATOGRAM DATA

EL MONTE

DATE 10-28

TIME 1345 PST

PEAK	PPB	PEAK	PPB	PEAK	PPB
1	40.42	31	18.28	60	*****
2	*****	32	*****	61	20.09
3	21.76	33	18.53	62	*****
4	*****	34	12.35	63	*****
5	*****	35	5.21	64	20.86
6	6.55	36	8.91	65	4.02
7	26.18	37	9.86	66	*****
8	*****	38	3.89	67	*****
9	35.28	39	*****	68	30.30
10	*****	40	5.78	69	*****
11	20.53	41	4.69	70	*****
12	12.17	42	4.04	71	12.73
13	38.23	43	*****	72	*****
14	74.11	44	7.62	73	*****
15	17.80	45	4.29	74	12.50
16	37.98	46	33.06	75	*****
17	21.75	47	7.83	76	*****
18	82.06	48	4.80	77	*****
19	*****	49	5.56	78	21.34
20	*****	50	*****	79	10.30
21	15.17	51	*****	80	11.28
22	4.52	52	12.04	81	28.99
23	11.73	53	4.82	82	*****
24	1.67	54	5.72	83	*****
25	8.02	55	4.00	84	6.17
26	15.54	56	*****	85	*****
27	12.45	57	*****	86	21.37
28	6.18	58	*****	87	15.85
29	*****	59	*****	88	15.99
30	*****			89	18.67

TOTAL CONCENTRATION 941.94

SCOTT RESEARCH LABORATORIES, INC.
L.A. BASIN PROJECT CHROMATOGRAM DATA

EL MONTE

DATE 10-28

TIME 1500 PST

PEAK	PPB	PEAK	PPB	PEAK	PPB
1	49.27	31	5.11	60	*****
2	13.51	32	5.72	61	4.02
3	46.98	33	9.43	62	*****
4	13.08	34	9.18	63	*****
5	7.72	35	*****	64	14.34
6	11.04	36	1.32	65	*****
7	8.99	37	4.99	66	*****
8	*****	38	*****	67	0.84
9	*****	39	*****	68	6.88
10	*****	40	*****	69	*****
11	67.05	41	2.11	70	*****
12	26.85	42	*****	71	0.64
13	61.62	43	*****	72	*****
14	36.09	44	0.33	73	*****
15	*****	45	1.24	74	1.30
16	65.62	46	35.27	75	*****
17	30.88	47	3.38	76	*****
18	51.59	48	2.30	77	*****
19	*****	49	*****	78	*****
20	13.65	50	1.08	79	0.76
21	42.55	51	*****	80	0.62
22	12.54	52	4.89	81	5.61
23	10.34	53	1.97	82	2.60
24	4.09	54	0.80	83	1.57
25	10.86	55	*****	84	*****
26	17.17	56	*****	85	*****
27	2.74	57	1.65	86	1.57
28	3.23	58	*****	87	1.13
29	0.82	59	0.34	88	4.88
30	*****			89	2.84

TOTAL CONCENTRATION 749.21

SCOTT RESEARCH LABORATORIES, INC.
L.A. BASIN PROJECT CHROMATOGRAM DATA

EL MONTE

DATE 10-29

TIME 0820 PST

PEAK	PPB	PEAK	PPB	PEAK	PPB
1	33.75	31	7.72	60	*****
2	*****	32	*****	61	2.60
3	18.58	33	3.74	62	*****
4	*****	34	*****	63	*****
5	*****	35	*****	64	10.86
6	*****	36	0.95	65	*****
7	*****	37	2.23	66	*****
8	8.36	38	*****	67	0.43
9	*****	39	*****	68	3.75
10	*****	40	0.32	69	*****
11	0.48	41	0.47	70	0.35
12	3.73	42	*****	71	*****
13	14.73	43	*****	72	*****
14	5.55	44	0.71	73	*****
15	*****	45	0.55	74	0.92
16	15.09	46	20.81	75	*****
17	*****	47	1.26	76	*****
18	7.97	48	1.08	77	*****
19	*****	49	*****	78	*****
20	*****	50	0.32	79	*****
21	4.39	51	*****	80	0.44
22	0.74	52	0.33	81	4.84
23	*****	53	1.09	82	2.70
24	*****	54	*****	83	*****
25	*****	55	*****	84	*****
26	7.07	56	*****	85	*****
27	4.02	57	4.60	86	1.39
28	1.96	58	*****	87	*****
29	*****	59	*****	88	9.22
30	*****			89	2.94

TOTAL CONCENTRATION 213.20

SCOTT RESEARCH LABORATORIES, INC.
L.A. BASIN PROJECT CHROMATOGRAM DATA

EL MONTE

DATE 10-29

TIME 1015 PST

PEAK	PPB	PEAK	PPB	PEAK	PPB
1	26.02	31	*****	60	*****
2	*****	32	4.89	61	2.78
3	13.15	33	5.04	62	*****
4	*****	34	1.97	63	*****
5	*****	35	*****	64	9.10
6	*****	36	0.32	65	*****
7	*****	37	2.50	66	*****
8	*****	38	*****	67	0.35
9	*****	39	*****	68	3.91
10	*****	40	*****	69	*****
11	0.47	41	*****	70	0.30
12	0.38	42	*****	71	*****
13	6.62	43	*****	72	*****
14	*****	44	*****	73	*****
15	*****	45	*****	74	0.61
16	16.93	46	15.98	75	*****
17	*****	47	*****	76	*****
18	8.54	48	0.82	77	*****
19	*****	49	*****	78	*****
20	*****	50	*****	79	*****
21	25.54	51	*****	80	0.32
22	7.28	52	1.00	81	3.22
23	2.19	53	0.76	82	2.07
24	*****	54	*****	83	*****
25	*****	55	*****	84	*****
26	7.60	56	*****	85	*****
27	3.00	57	3.14	86	1.10
28	1.53	58	*****	87	*****
29	*****	59	*****	88	5.53
30	*****			89	0.59

TOTAL CONCENTRATION 205.41

SCOTT RESEARCH LABORATORIES, INC.
L.A. BASIN PROJECT CHROMATOGRAM DATA

EL MONTE

DATE 10-29

TIME 1240 PST

PEAK	PPB	PEAK	PPB	PEAK	PPB
1	37.34	31	10.73	60	*****
2	*****	32	*****	61	2.65
3	26.02	33	5.72	62	*****
4	*****	34	3.09	63	*****
5	*****	35	*****	64	8.45
6	18.07	36	0.77	65	*****
7	11.87	37	3.18	66	*****
8	*****	38	*****	67	*****
9	12.47	39	*****	68	3.20
10	*****	40	1.96	69	*****
11	11.90	41	*****	70	0.48
12	13.69	42	*****	71	*****
13	39.60	43	0.44	72	*****
14	38.79	44	1.08	73	*****
15	*****	45	1.02	74	0.73
16	26.15	46	20.45	75	*****
17	16.64	47	2.25	76	*****
18	43.44	48	2.52	77	*****
19	*****	49	*****	78	*****
20	2.04	50	0.78	79	*****
21	26.72	51	*****	80	0.53
22	6.18	52	0.79	81	6.28
23	4.41	53	1.74	82	*****
24	*****	54	*****	83	*****
25	*****	55	*****	84	*****
26	7.77	56	*****	85	*****
27	4.06	57	3.16	86	1.19
28	2.07	58	*****	87	*****
29	0.49	59	*****	88	6.00
30	*****			89	2.63

TOTAL CONCENTRATION

440.44

SCOTT RESEARCH LABORATORIES, INC.
L.A. BASIN PROJECT CHROMATOGRAM DATA

EL MONTE

DATE 10-29

TIME 1530 PST

PEAK	PPB	PEAK	PPB	PEAK	PPB
1	16.25	31	4.08	60	*****
2	*****	32	*****	61	2.15
3	9.02	33	2.31	62	*****
4	*****	34	2.74	63	*****
5	*****	35	*****	64	7.01
6	*****	36	0.45	65	*****
7	*****	37	5.86	66	*****
8	*****	38	*****	67	0.59
9	*****	39	*****	68	3.37
10	*****	40	0.60	69	*****
11	3.45	41	*****	70	0.29
12	10.67	42	*****	71	*****
13	6.32	43	*****	72	*****
14	5.83	44	*****	73	0.32
15	27.73	45	*****	74	0.45
16	22.51	46	13.06	75	*****
17	*****	47	*****	76	*****
18	*****	48	0.70	77	*****
19	*****	49	*****	78	*****
20	*****	50	*****	79	0.96
21	35.37	51	*****	80	*****
22	6.71	52	1.44	81	5.21
23	*****	53	0.73	82	*****
24	1.20	54	*****	83	*****
25	1.00	55	*****	84	*****
26	5.00	56	*****	85	*****
27	2.35	57	2.44	86	0.71
28	1.24	58	*****	87	*****
29	0.36	59	*****	88	5.18
30	*****			89	1.89

TOTAL CONCENTRATION 217.70

SCOTT RESEARCH LABORATORIES, INC.
L.A. BASIN PROJECT CHROMATOGRAM DATA

EL MONTE

DATE 10-29

TIME 1620 PST

PEAK	PPB	PEAK	PPB	PEAK	PPB
1	15.88	31	3.78	60	*****
2	*****	32	*****	61	1.65
3	7.98	33	2.51	62	*****
4	*****	34	2.19	63	*****
5	*****	35	*****	64	6.56
6	*****	36	0.30	65	*****
7	*****	37	1.86	66	*****
8	*****	38	*****	67	0.72
9	*****	39	*****	68	2.88
10	*****	40	*****	69	*****
11	*****	41	*****	70	0.35
12	0.49	42	*****	71	*****
13	5.42	43	*****	72	*****
14	3.24	44	*****	73	*****
15	*****	45	*****	74	0.39
16	4.11	46	11.04	75	*****
17	*****	47	*****	76	*****
18	7.40	48	*****	77	*****
19	*****	49	*****	78	*****
20	*****	50	*****	79	0.62
21	1.79	51	*****	80	*****
22	1.88	52	0.58	81	4.56
23	*****	53	0.70	82	*****
24	*****	54	*****	83	*****
25	*****	55	*****	84	*****
26	3.87	56	*****	85	*****
27	1.87	57	3.26	86	0.81
28	0.83	58	*****	87	*****
29	*****	59	*****	88	4.85
30	*****			89	0.64

TOTAL CONCENTRATION 105.11

SCOTT RESEARCH LABORATORIES, INC.
L.A. BASIN PROJECT CHROMATOGRAM DATA

EL MONTE

DATE 10-30

TIME 0930 PST

PEAK	PPB	PEAK	PPB	PEAK	PPB
1	9.74	31	1.97	60	*****
2	*****	32	*****	61	0.99
3	5.32	33	4.57	62	*****
4	*****	34	0.71	63	*****
5	*****	35	*****	64	5.01
6	*****	36	0.66	65	*****
7	*****	37	0.54	66	*****
8	*****	38	*****	67	0.28
9	*****	39	*****	68	1.60
10	3.85	40	*****	69	*****
11	*****	41	*****	70	*****
12	*****	42	*****	71	*****
13	3.37	43	*****	72	*****
14	1.52	44	*****	73	*****
15	*****	45	*****	74	0.27
16	5.33	46	5.51	75	*****
17	*****	47	*****	76	*****
18	*****	48	*****	77	*****
19	*****	49	0.39	78	*****
20	*****	50	*****	79	*****
21	3.20	51	*****	80	*****
22	*****	52	1.48	81	3.97
23	2.37	53	*****	82	*****
24	*****	54	*****	83	*****
25	*****	55	*****	84	*****
26	2.26	56	*****	85	*****
27	0.81	57	2.61	86	1.08
28	0.35	58	*****	87	*****
29	*****	59	*****	88	7.58
30	*****			89	1.64

TOTAL CONCENTRATION

79.07

SCOTT RESEARCH LABORATORIES, INC.
L.A. BASIN PROJECT CHROMATOGRAM DATA

EL MONTE

DATE 10-30

TIME 1035 PST

PEAK	PPB	PEAK	PPB	PEAK	PPB
1	10.36	31	7.74	60	*****
2	*****	32	*****	61	0.96
3	13.20	33	15.43	62	*****
4	*****	34	4.89	63	*****
5	*****	35	4.50	64	4.43
6	33.22	36	1.54	65	*****
7	9.67	37	0.97	66	*****
8	5.39	38	*****	67	1.23
9	*****	39	*****	68	2.01
10	29.32	40	*****	69	*****
11	0.41	41	0.68	70	1.50
12	6.59	42	*****	71	*****
13	25.05	43	*****	72	*****
14	21.58	44	*****	73	0.61
15	*****	45	*****	74	*****
16	10.48	46	7.08	75	*****
17	*****	47	*****	76	*****
18	25.83	48	1.26	77	*****
19	33.89	49	0.36	78	*****
20	*****	50	0.70	79	0.48
21	3.01	51	*****	80	*****
22	*****	52	4.16	81	3.46
23	*****	53	*****	82	*****
24	*****	54	*****	83	*****
25	*****	55	*****	84	*****
26	2.29	56	*****	85	*****
27	0.51	57	1.48	86	0.71
28	*****	58	*****	87	0.55
29	*****	59	*****	88	5.24
30	*****			89	1.22

TOTAL CONCENTRATION 304.10

SCOTT RESEARCH LABORATORIES, INC.
L.A. BASIN PROJECT CHROMATOGRAM DATA

EL MONTE

DATE 10-30

TIME 1140 PST

PEAK	PPB	PEAK	PPB	PEAK	PPB
1	9.17	31	*****	60	*****
2	*****	32	3.03	61	0.74
3	7.38	33	5.42	62	*****
4	*****	34	0.40	63	*****
5	*****	35	*****	64	3.35
6	*****	36	0.46	65	*****
7	*****	37	*****	66	*****
8	*****	38	*****	67	0.48
9	*****	39	*****	68	1.43
10	*****	40	*****	69	*****
11	*****	41	*****	70	0.24
12	1.27	42	*****	71	*****
13	9.48	43	0.98	72	*****
14	15.13	44	*****	73	*****
15	2.07	45	*****	74	0.32
16	5.57	46	5.45	75	*****
17	*****	47	*****	76	*****
18	5.40	48	0.35	77	*****
19	*****	49	*****	78	*****
20	*****	50	*****	79	*****
21	2.15	51	*****	80	*****
22	*****	52	1.93	81	2.95
23	*****	53	*****	82	*****
24	*****	54	*****	83	*****
25	*****	55	*****	84	*****
26	1.26	56	*****	85	*****
27	0.68	57	*****	86	0.80
28	*****	58	*****	87	*****
29	*****	59	*****	88	4.48
30	*****			89	*****

TOTAL CONCENTRATION

92.44

SCOTT RESEARCH LABORATORIES, INC.
L.A. BASIN PROJECT CHROMATOGRAM DATA

EL MONTE

DATE 10-30

TIME 1245 PST

PEAK	PPB	PEAK	PPB	PEAK	PPB
1	8.00	31	6.26	60	*****
2	*****	32	*****	61	0.85
3	3.16	33	10.20	62	*****
4	*****	34	4.07	63	*****
5	*****	35	1.14	64	4.43
6	10.86	36	*****	65	*****
7	4.26	37	0.40	66	*****
8	*****	38	*****	67	1.13
9	*****	39	*****	68	2.12
10	37.55	40	0.41	69	1.02
11	8.00	41	*****	70	*****
12	6.11	42	*****	71	*****
13	16.36	43	*****	72	*****
14	*****	44	*****	73	*****
15	0.86	45	*****	74	0.34
16	1.49	46	6.42	75	*****
17	2.61	47	*****	76	*****
18	8.63	48	1.13	77	*****
19	*****	49	*****	78	*****
20	*****	50	0.70	79	0.98
21	1.53	51	*****	80	*****
22	1.09	52	3.65	81	3.64
23	*****	53	*****	82	*****
24	*****	54	*****	83	*****
25	*****	55	*****	84	*****
26	1.50	56	*****	85	*****
27	*****	57	2.25	86	0.94
28	*****	58	*****	87	0.50
29	*****	59	*****	88	6.39
30	*****			89	1.38

TOTAL CONCENTRATION 172.50

SCOTT RESEARCH LABORATORIES, INC.
L.A. BASIN PROJECT CHROMATOGRAM DATA

EL MONTE

DATE 10-30

TIME 1415 PST

PEAK	PPB	PEAK	PPB	PEAK	PPB
1	6.72	31	1.71	60	*****
2	*****	32	*****	61	3.06
3	3.86	33	*****	62	*****
4	*****	34	1.24	63	*****
5	*****	35	*****	64	8.36
6	*****	36	0.32	65	*****
7	*****	37	6.21	66	*****
8	*****	38	*****	67	0.47
9	4.09	39	*****	68	2.54
10	*****	40	*****	69	*****
11	*****	41	*****	70	*****
12	0.85	42	*****	71	*****
13	14.12	43	*****	72	*****
14	19.92	44	*****	73	*****
15	2.24	45	*****	74	0.44
16	21.23	46	15.78	75	*****
17	*****	47	*****	76	*****
18	*****	48	*****	77	1.06
19	11.56	49	*****	78	*****
20	21.67	50	*****	79	*****
21	21.92	51	*****	80	*****
22	2.26	52	*****	81	4.43
23	*****	53	*****	82	*****
24	*****	54	*****	83	*****
25	*****	55	*****	84	3.03
26	2.86	56	*****	85	*****
27	1.69	57	2.66	86	0.81
28	0.79	58	*****	87	*****
29	*****	59	*****	88	6.05
30	*****			89	0.23

TOTAL CONCENTRATION 194.32

SCOTT RESEARCH LABORATORIES, INC.
L.A. BASIN PROJECT CHROMATOGRAM DATA

EL MONTE

DATE 10-31

TIME 0800 PST

PEAK	PPB	PEAK	PPB	PEAK	PPB
1	19.09	31	2.61	60	*****
2	*****	32	*****	61	2.25
3	9.25	33	*****	62	*****
4	*****	34	1.58	63	*****
5	*****	35	*****	64	9.46
6	0.55	36	*****	65	*****
7	*****	37	0.83	66	*****
8	*****	38	*****	67	*****
9	*****	39	*****	68	0.58
10	*****	40	*****	69	3.26
11	*****	41	*****	70	*****
12	0.46	42	*****	71	*****
13	6.90	43	*****	72	*****
14	3.90	44	*****	73	*****
15	*****	45	*****	74	*****
16	*****	46	12.56	75	*****
17	*****	47	*****	76	*****
18	5.94	48	0.49	77	*****
19	*****	49	*****	78	*****
20	*****	50	*****	79	*****
21	4.56	51	*****	80	*****
22	*****	52	*****	81	4.02
23	2.18	53	0.44	82	*****
24	*****	54	*****	83	*****
25	*****	55	*****	84	0.31
26	5.15	56	*****	85	*****
27	2.76	57	*****	86	0.82
28	1.33	58	*****	87	*****
29	*****	59	*****	88	5.64
30	*****			89	*****

TOTAL CONCENTRATION 107.02

SCOTT RESEARCH LABORATORIES, INC.
L.A. BASIN PROJECT CHROMATOGRAM DATA

EL MONTE

DATE 10-31

TIME 0910 PST

PEAK	PPB	PEAK	PPB	PEAK	PPB
1	11.58	31	*****	60	*****
2	*****	32	3.42	61	1.65
3	4.86	33	6.32	62	*****
4	*****	34	1.00	63	*****
5	*****	35	*****	64	8.93
6	*****	36	0.67	65	*****
7	*****	37	0.35	66	0.33
8	13.99	38	*****	67	0.69
9	*****	39	*****	68	2.55
10	*****	40	*****	69	*****
11	*****	41	*****	70	*****
12	22.70	42	*****	71	*****
13	28.15	43	*****	72	*****
14	31.39	44	*****	73	1.00
15	21.82	45	*****	74	0.29
16	25.23	46	8.78	75	*****
17	23.72	47	*****	76	*****
18	*****	48	0.43	77	*****
19	42.21	49	*****	78	*****
20	*****	50	*****	79	*****
21	9.46	51	*****	80	*****
22	7.63	52	1.80	81	2.94
23	9.69	53	*****	82	0.97
24	*****	54	*****	83	*****
25	*****	55	*****	84	*****
26	13.83	56	*****	85	*****
27	7.96	57	1.92	86	1.14
28	5.57	58	*****	87	*****
29	*****	59	*****	88	6.58
30	*****			89	*****

TOTAL CONCENTRATION 331.68

SCOTT RESEARCH LABORATORIES, INC.
L.A. BASIN PROJECT CHROMATOGRAM DATA

EL MONTE

DATE 10-31

TIME 1015 PST

PEAK	PPB	PEAK	PPB	PEAK	PPB
1	4.69	31	1.58	60	*****
2	*****	32	*****	61	0.51
3	2.08	33	2.34	62	*****
4	*****	34	*****	63	*****
5	*****	35	*****	64	3.81
6	*****	36	*****	65	*****
7	*****	37	*****	66	*****
8	*****	38	*****	67	0.35
9	*****	39	*****	68	1.10
10	*****	40	*****	69	*****
11	*****	41	*****	70	*****
12	*****	42	*****	71	*****
13	0.39	43	*****	72	*****
14	*****	44	*****	73	*****
15	*****	45	*****	74	*****
16	1.80	46	3.52	75	*****
17	*****	47	*****	76	*****
18	*****	48	*****	77	*****
19	*****	49	*****	78	*****
20	*****	50	*****	79	*****
21	0.46	51	*****	80	*****
22	*****	52	0.74	81	3.31
23	*****	53	*****	82	*****
24	*****	54	*****	83	*****
25	*****	55	*****	84	*****
26	1.82	56	*****	85	*****
27	*****	57	1.91	86	0.81
28	*****	58	*****	87	*****
29	*****	59	*****	88	4.73
30	*****			89	*****

TOTAL CONCENTRATION

36.03

SCOTT RESEARCH LABORATORIES, INC.
L.A. BASIN PROJECT CHROMATOGRAM DATA

EL MONTE

DATE 10-31

TIME 1330 PST

PEAK	PPB	PEAK	PPB	PEAK	PPB
1	8.98	31	3.62	60	*****
2	*****	32	*****	61	0.86
3	2.70	33	4.41	62	*****
4	*****	34	*****	63	*****
5	*****	35	1.12	64	4.51
6	*****	36	1.14	65	*****
7	*****	37	*****	66	*****
8	*****	38	*****	67	1.85
9	*****	39	*****	68	0.49
10	*****	40	*****	69	*****
11	*****	41	*****	70	*****
12	*****	42	*****	71	*****
13	2.62	43	*****	72	*****
14	3.13	44	*****	73	*****
15	0.62	45	*****	74	0.23
16	1.65	46	7.75	75	*****
17	*****	47	*****	76	*****
18	*****	48	0.32	77	*****
19	3.40	49	*****	78	*****
20	*****	50	*****	79	*****
21	*****	51	*****	80	*****
22	*****	52	1.21	81	3.96
23	2.73	53	*****	82	*****
24	*****	54	*****	83	*****
25	*****	55	*****	84	*****
26	1.12	56	*****	85	*****
27	0.35	57	11.00	86	1.15
28	*****	58	*****	87	*****
29	*****	59	*****	88	7.87
30	*****			89	1.56

TOTAL CONCENTRATION

80.46

SCOTT RESEARCH LABORATORIES, INC.
L.A. BASIN PROJECT CHROMATOGRAM DATA

EL MONTE

DATE 10-31

TIME 1430 PST

PEAK	PPB	PEAK	PPB	PEAK	PPB
1	*****	31	3.01	60	2.83
2	*****	32	*****	61	0.92
3	*****	33	0.76	62	*****
4	*****	34	0.42	63	*****
5	*****	35	*****	64	4.71
6	*****	36	0.55	65	*****
7	*****	37	1.46	66	*****
8	*****	38	*****	67	0.58
9	*****	39	*****	68	2.14
10	*****	40	*****	69	*****
11	*****	41	*****	70	*****
12	*****	42	*****	71	*****
13	*****	43	*****	72	*****
14	0.60	44	*****	73	*****
15	0.55	45	*****	74	0.30
16	3.63	46	7.67	75	*****
17	*****	47	*****	76	*****
18	*****	48	*****	77	*****
19	*****	49	*****	78	*****
20	*****	50	*****	79	*****
21	1.74	51	0.39	80	*****
22	*****	52	1.30	81	4.51
23	*****	53	*****	82	*****
24	*****	54	*****	83	*****
25	*****	55	0.58	84	*****
26	1.56	56	*****	85	*****
27	0.91	57	16.41	86	1.67
28	*****	58	*****	87	*****
29	*****	59	11.94	88	8.88
30	*****			89	1.74

TOTAL CONCENTRATION

81.85

SCOTT RESEARCH LABORATORIES, INC.
L.A. BASIN PROJECT CHROMATOGRAM DATA

EL MONTE

DATE 10-31

TIME 1520 PST

PEAK	PPB	PEAK	PPB	PEAK	PPB
1	4.72	31	1.74	60	*****
2	*****	32	*****	61	1.03
3	1.75	33	1.02	62	*****
4	*****	34	*****	63	*****
5	*****	35	*****	64	2.97
6	2.41	36	0.92	65	*****
7	*****	37	2.09	66	*****
8	5.75	38	*****	67	0.46
9	*****	39	*****	68	2.00
10	*****	40	*****	69	*****
11	*****	41	*****	70	*****
12	*****	42	*****	71	*****
13	2.02	43	*****	72	*****
14	0.48	44	*****	73	*****
15	*****	45	*****	74	0.57
16	1.28	46	6.34	75	*****
17	*****	47	*****	76	*****
18	2.76	48	*****	77	*****
19	*****	49	*****	78	*****
20	*****	50	*****	79	*****
21	*****	51	*****	80	0.29
22	*****	52	*****	81	4.95
23	*****	53	*****	82	*****
24	*****	54	*****	83	*****
25	*****	55	*****	84	*****
26	1.46	56	*****	85	*****
27	0.75	57	7.69	86	1.81
28	0.32	58	*****	87	*****
29	*****	59	*****	88	10.26
30	*****			89	2.34

TOTAL CONCENTRATION

70.29

SCOTT RESEARCH LABORATORIES, INC.
L.A. BASIN PROJECT CHROMATOGRAM DATA

DATE 11-01

TIME 0801 PST

EL MONTE

PEAK	PPB	PEAK	PPB	PEAK	PPB
1	17.23	31	*****	60	*****
2	*****	32	3.44	61	2.83
3	12.58	33	*****	62	*****
4	*****	34	1.89	63	*****
5	*****	35	*****	64	8.76
6	*****	36	*****	65	*****
7	*****	37	3.63	66	*****
8	*****	38	*****	67	2.96
9	*****	39	*****	68	0.53
10	*****	40	0.32	69	*****
11	1.71	41	*****	70	*****
12	4.41	42	*****	71	*****
13	15.37	43	*****	72	*****
14	10.19	44	*****	73	*****
15	0.36	45	0.27	74	*****
16	4.44	46	12.10	75	*****
17	*****	47	0.49	76	*****
18	8.20	48	0.92	77	*****
19	*****	49	*****	78	*****
20	*****	50	*****	79	*****
21	1.99	51	*****	80	*****
22	*****	52	*****	81	2.09
23	*****	53	0.55	82	1.25
24	*****	54	*****	83	*****
25	*****	55	*****	84	*****
26	4.55	56	*****	85	*****
27	3.00	57	1.89	86	0.82
28	1.23	58	*****	87	*****
29	*****	59	*****	88	4.97
30	*****			89	*****

TOTAL CONCENTRATION 135.11

SCOTT RESEARCH LABORATORIES, INC.
L.A. BASIN PROJECT CHROMATOGRAM DATA

EL MONTE

DATE 11-01

TIME 0920 PST

PEAK	PPB	PEAK	PPB	PEAK	PPB
1	11.56	31	1.54	60	*****
2	*****	32	*****	61	1.65
3	5.03	33	*****	62	*****
4	*****	34	0.48	63	*****
5	*****	35	*****	64	4.60
6	*****	36	0.50	65	*****
7	*****	37	0.60	66	*****
8	*****	38	*****	67	0.37
9	*****	39	*****	68	1.72
10	*****	40	*****	69	*****
11	*****	41	*****	70	*****
12	*****	42	*****	71	*****
13	3.19	43	*****	72	*****
14	2.53	44	*****	73	*****
15	*****	45	*****	74	0.28
16	1.41	46	7.09	75	*****
17	*****	47	*****	76	*****
18	*****	48	0.29	77	*****
19	*****	49	*****	78	*****
20	*****	50	*****	79	*****
21	2.00	51	*****	80	*****
22	*****	52	*****	81	3.79
23	*****	53	0.33	82	*****
24	*****	54	*****	83	*****
25	*****	55	*****	84	*****
26	1.97	56	*****	85	*****
27	1.12	57	3.73	86	1.11
28	0.42	58	*****	87	*****
29	*****	59	*****	88	6.86
30	*****			89	*****

TOTAL CONCENTRATION

64.27

SCOTT RESEARCH LABORATORIES, INC.
L.A. BASIN PROJECT CHROMATOGRAM DATA

FL MONTE

DATE 11-01

TIME 1025 PST

PEAK	PPB	PEAK	PPB	PEAK	PPB
1	7.11	31	*****	60	*****
2	*****	32	1.09	61	1.43
3	4.49	33	0.95	62	*****
4	*****	34	0.48	63	*****
5	*****	35	*****	64	3.98
6	*****	36	*****	65	*****
7	*****	37	0.91	66	*****
8	*****	38	*****	67	*****
9	*****	39	*****	68	1.60
10	*****	40	*****	69	*****
11	*****	41	*****	70	*****
12	*****	42	*****	71	*****
13	3.15	43	*****	72	*****
14	0.85	44	*****	73	*****
15	*****	45	*****	74	*****
16	1.10	46	5.94	75	*****
17	3.41	47	*****	76	*****
18	*****	48	*****	77	0.40
19	*****	49	*****	78	*****
20	*****	50	*****	79	*****
21	*****	51	*****	80	*****
22	*****	52	0.46	81	1.96
23	*****	53	*****	82	0.80
24	*****	54	*****	83	*****
25	*****	55	*****	84	*****
26	1.73	56	*****	85	*****
27	0.78	57	2.43	86	0.71
28	*****	58	*****	87	*****
29	*****	59	*****	88	5.12
30	*****			89	*****

TOTAL CONCENTRATION 50.98

SCOTT RESEARCH LABORATORIES, INC.
L.A. BASIN PROJECT CHROMATOGRAM DATA

EL MONTE

DATE 11-01

TIME 1140 PST

PEAK	PPB	PEAK	PPB	PEAK	PPB
1	6.48	31	0.75	60	*****
2	*****	32	*****	61	1.13
3	2.54	33	*****	62	*****
4	*****	34	*****	63	*****
5	*****	35	*****	64	3.08
6	*****	36	0.37	65	*****
7	*****	37	0.42	66	*****
8	*****	38	*****	67	*****
9	*****	39	*****	68	0.61
10	*****	40	*****	69	*****
11	*****	41	*****	70	*****
12	*****	42	*****	71	*****
13	2.12	43	*****	72	*****
14	0.81	44	*****	73	*****
15	*****	45	*****	74	*****
16	1.92	46	4.78	75	*****
17	*****	47	*****	76	*****
18	2.93	48	*****	77	*****
19	*****	49	*****	78	*****
20	*****	50	*****	79	*****
21	*****	51	*****	80	*****
22	*****	52	*****	81	1.79
23	*****	53	*****	82	0.87
24	*****	54	*****	83	*****
25	*****	55	*****	84	*****
26	1.24	56	*****	85	*****
27	0.37	57	3.25	86	0.77
28	*****	58	*****	87	*****
29	*****	59	*****	88	5.32
30	*****			89	*****

TOTAL CONCENTRATION 41.62

SCOTT RESEARCH LABORATORIES, INC.
L.A. BASIN PROJECT CHROMATOGRAM DATA

FL MONTE

DATE 11-01

TIME 1440 PST

PEAK	PPB	PEAK	PPB	PEAK	PPB
1	17.35	31	3.03	60	*****
2	*****	32	*****	61	2.57
3	8.29	33	1.74	62	*****
4	*****	34	1.39	63	*****
5	*****	35	*****	64	6.07
6	*****	36	*****	65	*****
7	*****	37	2.93	66	*****
8	*****	38	*****	67	0.40
9	*****	39	*****	68	2.31
10	*****	40	*****	69	0.57
11	*****	41	*****	70	*****
12	0.71	42	*****	71	*****
13	6.74	43	*****	72	*****
14	2.32	44	*****	73	0.64
15	*****	45	*****	74	*****
16	5.39	46	11.99	75	*****
17	*****	47	*****	76	*****
18	4.19	48	0.58	77	*****
19	*****	49	*****	78	*****
20	*****	50	*****	79	*****
21	0.60	51	*****	80	*****
22	*****	52	0.43	81	2.32
23	*****	53	0.44	82	*****
24	*****	54	*****	83	*****
25	*****	55	*****	84	*****
26	3.42	56	*****	85	0.87
27	1.97	57	3.97	86	*****
28	0.85	58	*****	87	*****
29	*****	59	*****	88	6.83
30	*****			89	0.94

TOTAL CONCENTRATION 101.97

SCOTT RESEARCH LABORATORIES, INC.
L.A. BASIN PROJECT CHROMATOGRAM DATA

EL MONTE

DATE 11-04

TIME 0820 PST

PEAK	PPB	PEAK	PPB	PEAK	PPB
1	64.67	31	3.28	60	*****
2	3.07	32	*****	61	6.00
3	46.68	33	15.13	62	*****
4	9.61	34	9.22	63	*****
5	1.80	35	*****	64	24.28
6	8.34	36	1.94	65	*****
7	*****	37	4.75	66	0.91
8	*****	38	*****	67	0.63
9	*****	39	*****	68	6.48
10	*****	40	*****	69	2.24
11	8.58	41	2.77	70	0.41
12	12.59	42	*****	71	*****
13	40.48	43	*****	72	*****
14	14.53	44	1.47	73	1.37
15	7.23	45	0.86	74	1.08
16	18.60	46	42.18	75	*****
17	19.88	47	4.75	76	*****
18	4.89	48	3.32	77	*****
19	2.71	49	*****	78	0.85
20	2.15	50	2.85	79	*****
21	6.74	51	4.77	80	0.76
22	0.79	52	*****	81	6.53
23	*****	53	2.24	82	3.41
24	*****	54	*****	83	1.79
25	1.89	55	*****	84	2.12
26	13.53	56	*****	85	*****
27	7.74	57	5.28	86	3.02
28	4.07	58	*****	87	*****
29	0.31	59	*****	88	21.42
30	*****			89	2.44

TOTAL CONCENTRATION 491.62

SCOTT RESEARCH LABORATORIES, INC.
L.A. BASIN PROJECT CHROMATOGRAM DATA

EL MONTE

DATE 11-04

TIME 1425 PST

PEAK	PPB	PEAK	PPB	PEAK	PPB
1	14.47	31	*****	60	*****
2	*****	32	*****	61	3.33
3	8.87	33	7.72	62	*****
4	*****	34	3.48	63	*****
5	*****	35	*****	64	12.77
6	*****	36	1.33	65	*****
7	2.56	37	2.61	66	*****
8	*****	38	*****	67	1.25
9	*****	39	*****	68	5.16
10	2.51	40	*****	69	*****
11	*****	41	0.45	70	0.65
12	4.65	42	*****	71	*****
13	15.42	43	0.64	72	*****
14	12.96	44	1.20	73	*****
15	*****	45	0.37	74	1.47
16	*****	46	23.62	75	*****
17	*****	47	*****	76	*****
18	4.51	48	4.26	77	*****
19	11.29	49	3.05	78	*****
20	12.42	50	0.77	79	*****
21	*****	51	2.27	80	0.39
22	2.03	52	*****	81	3.96
23	*****	53	1.19	82	2.12
24	*****	54	*****	83	*****
25	*****	55	*****	84	0.29
26	4.76	56	*****	85	*****
27	2.65	57	2.49	86	2.08
28	1.16	58	*****	87	*****
29	*****	59	*****	88	14.31
30	0.44			89	0.83

TOTAL CONCENTRATION 204.92

SCOTT RESEARCH LABORATORIES, INC.
L.A. BASIN PROJECT CHROMATOGRAM DATA

EL MONTE

DATE 11-04

TIME 1622 PST

PEAK	PPB	PEAK	PPB	PEAK	PPB
1	9.19	31	0.37	60	*****
2	*****	32	*****	61	3.31
3	4.59	33	5.85	62	*****
4	*****	34	2.48	63	*****
5	*****	35	*****	64	9.65
6	*****	36	*****	65	*****
7	*****	37	2.40	66	*****
8	*****	38	*****	67	*****
9	*****	39	*****	68	2.78
10	*****	40	0.29	69	*****
11	*****	41	0.80	70	0.23
12	*****	42	*****	71	*****
13	4.47	43	*****	72	*****
14	2.99	44	*****	73	0.24
15	*****	45	0.57	74	0.36
16	3.89	46	15.51	75	*****
17	*****	47	*****	76	*****
18	2.60	48	1.92	77	*****
19	*****	49	1.64	78	*****
20	*****	50	0.69	79	*****
21	5.08	51	1.56	80	*****
22	*****	52	*****	81	2.47
23	*****	53	0.81	82	1.29
24	*****	54	*****	83	*****
25	*****	55	*****	84	0.27
26	4.08	56	*****	85	*****
27	1.98	57	2.41	86	0.94
28	0.75	58	*****	87	*****
29	*****	59	*****	88	9.35
30	*****			89	0.80

TOTAL CONCENTRATION

108.76

SCOTT RESEARCH LABORATORIES, INC.
L.A. BASIN PROJECT CHROMATOGRAM DATA

EL MONTE

DATE 11-05

TIME 0812 PST

PEAK	PPB	PEAK	PPB	PEAK	PPB
1	25.64	31	*****	60	*****
2	*****	32	4.16	61	4.22
3	13.11	33	2.92	62	*****
4	*****	34	4.25	63	*****
5	*****	35	*****	64	16.40
6	*****	36	*****	65	*****
7	*****	37	3.74	66	*****
8	*****	38	*****	67	0.80
9	*****	39	*****	68	5.72
10	*****	40	0.79	69	*****
11	0.48	41	1.12	70	0.50
12	1.07	42	*****	71	*****
13	7.51	43	*****	72	*****
14	7.30	44	0.80	73	*****
15	10.24	45	0.37	74	0.41
16	10.65	46	23.52	75	*****
17	*****	47	3.75	76	*****
18	45.01	48	1.08	77	*****
19	*****	49	*****	78	0.24
20	*****	50	*****	79	*****
21	17.42	51	*****	80	0.27
22	5.19	52	0.73	81	3.77
23	7.72	53	1.45	82	2.23
24	*****	54	*****	83	1.19
25	*****	55	*****	84	0.99
26	10.41	56	*****	85	*****
27	4.89	57	4.30	86	1.50
28	2.41	58	*****	87	*****
29	*****	59	*****	88	11.19
30	*****			89	0.74

TOTAL CONCENTRATION 272.46

SCOTT RESEARCH LABORATORIES, INC.
L.A. PASIN PROJECT CHROMATOGRAM DATA

EL MONTE

DATE 11-05

TIME 0914 PST

PEAK	PPB	PEAK	PPB	PEAK	PPB
1	53.95	31	*****	60	*****
2	*****	32	7.53	61	4.24
3	26.35	33	*****	62	*****
4	*****	34	4.06	63	*****
5	*****	35	*****	64	16.06
6	*****	36	*****	65	*****
7	*****	37	3.56	66	*****
8	*****	38	*****	67	0.30
9	*****	39	*****	68	5.72
10	*****	40	*****	69	*****
11	1.87	41	2.65	70	0.39
12	4.84	42	*****	71	*****
13	19.35	43	*****	72	*****
14	7.22	44	1.52	73	*****
15	1.88	45	1.24	74	0.45
16	11.66	46	25.84	75	*****
17	*****	47	4.58	76	*****
18	9.95	48	4.10	77	*****
19	*****	49	*****	78	*****
20	*****	50	0.85	79	*****
21	5.20	51	0.47	80	0.42
22	0.90	52	*****	81	3.55
23	*****	53	1.78	82	2.13
24	*****	54	*****	83	*****
25	*****	55	*****	84	0.42
26	11.86	56	*****	85	*****
27	6.29	57	1.44	86	1.62
28	2.75	58	*****	87	*****
29	*****	59	*****	88	9.71
30	0.32			89	0.46

TOTAL CONCENTRATION 269.65

SCOTT RESEARCH LABORATORIES, INC.
L.A. BASIN PROJECT CHROMATOGRAM DATA

FL MONTE

DATE 11-05

TIME 1030 PST

PEAK	PPB	PEAK	PPB	PEAK	PPB
1	17.49	31	*****	60	*****
2	*****	32	5.69	61	3.20
3	7.96	33	*****	62	*****
4	*****	34	2.77	63	*****
5	*****	35	*****	64	11.73
6	*****	36	*****	65	*****
7	*****	37	9.19	66	*****
8	*****	38	*****	67	*****
9	*****	39	*****	68	3.48
10	*****	40	0.39	69	*****
11	*****	41	0.98	70	0.24
12	0.93	42	*****	71	*****
13	8.27	43	*****	72	*****
14	16.19	44	0.39	73	*****
15	*****	45	*****	74	0.30
16	5.68	46	19.38	75	*****
17	*****	47	1.21	76	*****
18	1.45	48	0.99	77	*****
19	*****	49	*****	78	0.40
20	*****	50	*****	79	*****
21	5.20	51	1.13	80	*****
22	*****	52	*****	81	2.81
23	*****	53	1.12	82	1.83
24	*****	54	*****	83	*****
25	*****	55	*****	84	0.33
26	7.25	56	*****	85	*****
27	4.15	57	2.11	86	1.31
28	1.81	58	*****	87	*****
29	*****	59	*****	88	9.72
30	0.43			89	2.10

TOTAL CONCENTRATION 159.76

SCOTT RESEARCH LABORATORIES, INC.
L.A. BASIN PROJECT CHROMATOGRAM DATA

EL MONTE

DATE 11-05

TIME 1328 PST

PEAK	PPB	PEAK	PPB	PEAK	PPB
1	27.59	31	0.64	60	*****
2	*****	32	1.46	61	2.25
3	14.89	33	4.23	62	*****
4	*****	34	3.01	63	*****
5	*****	35	*****	64	7.32
6	*****	36	0.69	65	*****
7	*****	37	2.13	66	*****
8	*****	38	*****	67	0.71
9	0.74	39	*****	68	2.60
10	*****	40	*****	69	0.26
11	*****	41	*****	70	0.31
12	0.88	42	*****	71	*****
13	17.10	43	*****	72	*****
14	14.39	44	*****	73	*****
15	7.81	45	*****	74	0.57
16	11.85	46	13.11	75	*****
17	12.63	47	1.04	76	*****
18	1.21	48	1.62	77	*****
19	*****	49	*****	78	0.36
20	7.91	50	*****	79	*****
21	16.09	51	1.71	80	*****
22	*****	52	*****	81	3.24
23	*****	53	1.28	82	2.52
24	*****	54	*****	83	*****
25	*****	55	*****	84	0.30
26	8.37	56	*****	85	*****
27	2.37	57	5.43	86	1.57
28	1.05	58	*****	87	*****
29	*****	59	*****	88	14.13
30	*****			89	2.75

TOTAL CONCENTRATION

220.27

SCOTT RESEARCH LABORATORIES, INC.
L.A. BASIN PROJECT CHROMATOGRAM DATA

EL MONTE

DATE 11-06

TIME 0825 PST

PEAK	PPB	PEAK	PPB	PEAK	PPB
1	53.83	31	*****	60	*****
2	*****	32	8.09	61	6.82
3	25.07	33	*****	62	*****
4	*****	34	6.01	63	*****
5	0.81	35	*****	64	25.89
6	*****	36	*****	65	1.67
7	*****	37	4.87	66	*****
8	*****	38	*****	67	1.00
9	*****	39	*****	68	8.57
10	*****	40	*****	69	*****
11	1.49	41	3.50	70	0.94
12	1.83	42	*****	71	*****
13	14.05	43	0.43	72	*****
14	11.35	44	1.72	73	*****
15	13.97	45	1.25	74	0.96
16	20.72	46	36.90	75	*****
17	4.62	47	6.54	76	*****
18	20.53	48	3.91	77	*****
19	*****	49	*****	78	0.83
20	*****	50	0.53	79	*****
21	16.39	51	0.99	80	0.94
22	6.51	52	*****	81	5.82
23	*****	53	3.13	82	3.42
24	*****	54	*****	83	1.87
25	0.58	55	*****	84	2.10
26	21.55	56	*****	85	*****
27	9.19	57	4.06	86	2.73
28	4.63	58	1.03	87	*****
29	0.85	59	0.72	88	14.66
30	0.31			89	2.09

TOTAL CONCENTRATION 392.52

SCOTT RESEARCH LABORATORIES, INC.
L.A. BASIN PROJECT CHROMATOGRAM DATA

EL MONTE

DATE 11-06

TIME 0946 PST

PEAK	PPB	PEAK	PPB	PEAK	PPB
1	24.05	31	*****	60	*****
2	*****	32	3.15	61	3.63
3	11.88	33	2.78	62	*****
4	*****	34	3.01	63	*****
5	*****	35	*****	64	12.27
6	*****	36	*****	65	*****
7	*****	37	2.41	66	*****
8	*****	38	*****	67	0.49
9	*****	39	*****	68	4.61
10	*****	40	0.56	69	*****
11	0.45	41	0.81	70	0.34
12	0.48	42	*****	71	*****
13	8.36	43	*****	72	*****
14	4.12	44	0.58	73	*****
15	*****	45	*****	74	0.38
16	5.69	46	17.62	75	*****
17	3.11	47	0.27	76	*****
18	*****	48	0.85	77	*****
19	*****	49	*****	78	*****
20	*****	50	*****	79	*****
21	1.87	51	*****	80	0.36
22	2.31	52	0.66	81	3.02
23	*****	53	1.24	82	1.96
24	*****	54	*****	83	*****
25	*****	55	*****	84	0.32
26	9.46	56	*****	85	*****
27	3.94	57	4.34	86	1.41
28	1.80	58	*****	87	*****
29	*****	59	*****	88	9.89
30	*****			89	0.52

TOTAL CONCENTRATION 155.17

SCOTT RESEARCH LABORATORIES, INC.
L.A. BASIN PROJECT CHROMATOGRAM DATA

EL MONTE

DATE 11-06

TIME 1131 PST

PEAK	PPB	PEAK	PPB	PEAK	PPB
1	20.66	31	*****	60	*****
2	*****	32	*****	61	2.91
3	9.96	33	5.50	62	*****
4	*****	34	2.61	63	*****
5	*****	35	*****	64	11.92
6	*****	36	*****	65	*****
7	*****	37	1.91	66	*****
8	*****	38	*****	67	0.68
9	*****	39	*****	68	3.94
10	*****	40	*****	69	*****
11	*****	41	*****	70	0.35
12	0.35	42	*****	71	*****
13	5.56	43	*****	72	*****
14	6.01	44	*****	73	*****
15	*****	45	0.38	74	0.28
16	4.55	46	18.00	75	*****
17	*****	47	*****	76	*****
18	*****	48	0.57	77	*****
19	2.64	49	*****	78	*****
20	*****	50	*****	79	*****
21	6.46	51	*****	80	0.37
22	1.14	52	1.11	81	2.73
23	*****	53	1.03	82	1.20
24	*****	54	2.46	83	*****
25	*****	55	*****	84	0.30
26	7.96	56	*****	85	*****
27	3.06	57	2.67	86	1.45
28	1.35	58	*****	87	*****
29	*****	59	*****	88	9.64
30	*****			89	0.53

TOTAL CONCENTRATION 142.45

SCOTT RESEARCH LABORATORIES, INC.
L.A. BASIN PROJECT CHROMATOGRAM DATA

EL MONTE

DATE 11-06

TIME 1402 PST

PEAK	PPB	PEAK	PPB	PEAK	PPB
1	13.01	31	*****	60	*****
2	*****	32	2.77	61	2.55
3	6.27	33	1.46	62	*****
4	*****	34	1.13	63	*****
5	*****	35	*****	64	6.57
6	*****	36	0.83	65	*****
7	*****	37	0.90	66	*****
8	*****	38	*****	67	0.28
9	*****	39	*****	68	2.32
10	*****	40	*****	69	*****
11	*****	41	*****	70	0.27
12	*****	42	*****	71	*****
13	4.77	43	*****	72	*****
14	3.01	44	*****	73	*****
15	*****	45	*****	74	0.29
16	2.93	46	12.77	75	*****
17	*****	47	*****	76	*****
18	*****	48	0.59	77	*****
19	*****	49	*****	78	*****
20	2.48	50	*****	79	*****
21	1.43	51	*****	80	*****
22	0.49	52	1.42	81	1.82
23	*****	53	0.46	82	1.35
24	1.11	54	*****	83	*****
25	*****	55	*****	84	*****
26	3.03	56	*****	85	*****
27	1.47	57	*****	86	0.99
28	0.47	58	*****	87	*****
29	*****	59	*****	88	6.57
30	*****			89	*****

TOTAL CONCENTRATION

72.91

SCOTT RESEARCH LABORATORIES, INC.
L.A. BASIN PROJECT CHROMATOGRAM DATA

EL MONTE

DATE 11-06

TIME 1453 PST

PEAK	PPB	PEAK	PPB	PEAK	PPB
1	11.89	31	*****	60	*****
2	*****	32	6.54	61	2.13
3	6.20	33	*****	62	*****
4	*****	34	1.09	63	*****
5	*****	35	*****	64	5.13
6	*****	36	0.78	65	*****
7	*****	37	1.35	66	*****
8	*****	38	*****	67	*****
9	*****	39	*****	68	1.05
10	*****	40	1.59	69	*****
11	*****	41	*****	70	*****
12	1.72	42	*****	71	*****
13	12.26	43	*****	72	*****
14	17.19	44	1.48	73	*****
15	*****	45	1.33	74	0.43
16	4.32	46	14.86	75	*****
17	*****	47	4.44	76	*****
18	*****	48	3.21	77	*****
19	*****	49	*****	78	*****
20	0.47	50	0.58	79	*****
21	0.82	51	*****	80	*****
22	*****	52	0.36	81	3.69
23	*****	53	0.71	82	*****
24	*****	54	*****	83	*****
25	*****	55	*****	84	*****
26	2.61	56	*****	85	*****
27	1.60	57	*****	86	1.14
28	0.71	58	*****	87	*****
29	*****	59	*****	88	10.21
30	*****			89	*****

TOTAL CONCENTRATION 122.03

SCOTT RESEARCH LABORATORIES, INC.
L.A. BASIN PROJECT CHROMATOGRAM DATA

EL MONTE

DATE 11-07

TIME 0901 PST

PEAK	PPB	PEAK	PPB	PEAK	PPB
1	51.71	31	4.27	60	*****
2	*****	32	*****	61	5.19
3	26.97	33	*****	62	*****
4	*****	34	4.77	63	*****
5	*****	35	*****	64	16.26
6	0.75	36	*****	65	0.90
7	*****	37	5.00	66	*****
8	*****	38	*****	67	*****
9	*****	39	*****	68	6.54
10	*****	40	1.77	69	*****
11	2.59	41	*****	70	0.68
12	3.16	42	*****	71	*****
13	15.29	43	0.32	72	*****
14	8.10	44	1.05	73	*****
15	*****	45	0.45	74	0.59
16	16.92	46	27.89	75	*****
17	0.87	47	6.43	76	*****
18	*****	48	5.03	77	*****
19	*****	49	*****	78	*****
20	7.63	50	0.33	79	*****
21	0.41	51	*****	80	0.27
22	*****	52	*****	81	6.96
23	*****	53	2.47	82	*****
24	*****	54	*****	83	*****
25	*****	55	*****	84	0.89
26	13.94	56	*****	85	*****
27	7.12	57	*****	86	1.50
28	4.00	58	*****	87	*****
29	0.44	59	0.52	88	11.57
30	*****			89	0.21

TOTAL CONCENTRATION 271.95

SCOTT RESEARCH LABORATORIES, INC.
L.A. BASIN PROJECT CHROMATOGRAM DATA

EL MONTE

DATE 11-07

TIME 1012 PST

PEAK	PPB	PEAK	PPB	PEAK	PPB
1	31.82	31	*****	60	*****
2	*****	32	2.82	61	4.51
3	15.92	33	*****	62	*****
4	*****	34	3.26	63	*****
5	*****	35	*****	64	11.62
6	*****	36	*****	65	*****
7	*****	37	2.96	66	*****
8	*****	38	*****	67	0.45
9	*****	39	*****	68	6.25
10	*****	40	*****	69	*****
11	0.79	41	1.24	70	0.51
12	0.55	42	*****	71	*****
13	*****	43	*****	72	*****
14	*****	44	0.48	73	*****
15	*****	45	*****	74	0.37
16	9.11	46	22.65	75	*****
17	0.79	47	4.31	76	*****
18	*****	48	3.49	77	*****
19	*****	49	*****	78	*****
20	*****	50	*****	79	*****
21	4.09	51	*****	80	0.37
22	*****	52	1.89	81	3.39
23	*****	53	1.89	82	1.61
24	*****	54	0.51	83	*****
25	*****	55	*****	84	0.25
26	10.07	56	*****	85	*****
27	4.62	57	*****	86	1.20
28	2.67	58	*****	87	*****
29	*****	59	0.27	88	10.61
30	*****			89	0.39

TOTAL CONCENTRATION 167.88

SCOTT RESEARCH LABORATORIES, INC.
L.A. BASIN PROJECT CHROMATOGRAM DATA

EL MONTE

DATE 11-07

TIME 1122 PST

PEAK	PPB	PEAK	PPB	PEAK	PPB
1	20.65	31	*****	60	*****
2	*****	32	3.63	61	3.17
3	10.34	33	*****	62	*****
4	*****	34	1.53	63	*****
5	*****	35	*****	64	9.84
6	*****	36	0.36	65	*****
7	*****	37	4.08	66	*****
8	*****	38	*****	67	0.41
9	*****	39	*****	68	3.90
10	*****	40	*****	69	*****
11	0.38	41	*****	70	0.29
12	0.85	42	*****	71	*****
13	11.32	43	*****	72	*****
14	17.10	44	0.35	73	*****
15	*****	45	*****	74	0.34
16	6.90	46	17.97	75	*****
17	*****	47	2.69	76	*****
18	*****	48	1.44	77	*****
19	5.42	49	*****	78	0.32
20	*****	50	0.40	79	*****
21	2.27	51	*****	80	0.23
22	0.42	52	1.73	81	2.73
23	*****	53	0.94	82	1.65
24	*****	54	*****	83	*****
25	*****	55	*****	84	0.37
26	7.34	56	*****	85	*****
27	3.47	57	*****	86	1.14
28	1.30	58	*****	87	*****
29	*****	59	*****	88	9.90
30	*****			89	1.82

TOTAL CONCENTRATION 159.12

SCOTT RESEARCH LABORATORIES, INC.
L.A. BASIN PROJECT CHROMATOGRAM DATA

EL MONTE

DATE 11-07

TIME 1303 PST

PEAK	PPB	PEAK	PPB	PEAK	PPB
1	17.08	31	*****	60	*****
2	*****	32	2.48	61	2.17
3	8.33	33	1.48	62	*****
4	*****	34	1.18	63	*****
5	*****	35	*****	64	7.34
6	*****	36	0.42	65	*****
7	*****	37	1.11	66	*****
8	*****	38	*****	67	0.66
9	*****	39	*****	68	2.92
10	*****	40	*****	69	1.75
11	4.98	41	*****	70	*****
12	6.07	42	*****	71	*****
13	14.22	43	*****	72	*****
14	1.81	44	*****	73	*****
15	*****	45	*****	74	0.40
16	8.62	46	14.34	75	*****
17	*****	47	2.33	76	*****
18	20.38	48	*****	77	*****
19	*****	49	*****	78	*****
20	*****	50	0.40	79	*****
21	2.11	51	*****	80	*****
22	*****	52	2.86	81	2.95
23	*****	53	0.82	82	2.10
24	*****	54	*****	83	*****
25	*****	55	*****	84	0.26
26	5.17	56	*****	85	*****
27	2.45	57	*****	86	1.25
28	1.03	58	*****	87	*****
29	*****	59	*****	88	11.64
30	*****			89	0.41

TOTAL CONCENTRATION 153.61

SCOTT RESEARCH LABORATORIES, INC.
L.A. BASIN PROJECT CHROMATOGRAM DATA

EL MONTE

DATE 11-07

TIME 1545 PST

PEAK	PPB	PEAK	PPB	PEAK	PPB
1	33.36	31	3.54	60	*****
2	*****	32	*****	61	4.00
3	17.82	33	*****	62	*****
4	*****	34	3.57	63	*****
5	*****	35	*****	64	13.57
6	0.52	36	0.41	65	*****
7	*****	37	4.12	66	*****
8	*****	38	*****	67	0.57
9	*****	39	*****	68	5.09
10	*****	40	*****	69	*****
11	0.73	41	*****	70	1.06
12	0.85	42	*****	71	*****
13	10.87	43	0.71	72	*****
14	6.72	44	0.36	73	*****
15	*****	45	*****	74	0.73
16	10.97	46	26.14	75	*****
17	*****	47	5.34	76	*****
18	*****	48	*****	77	0.33
19	*****	49	4.14	78	0.43
20	2.84	50	0.47	79	*****
21	6.21	51	*****	80	*****
22	*****	52	2.04	81	4.01
23	0.74	53	2.76	82	2.45
24	*****	54	*****	83	1.36
25	*****	55	0.27	84	1.48
26	9.33	56	*****	85	*****
27	4.96	57	*****	86	1.78
28	2.63	58	1.35	87	*****
29	0.39	59	0.65	88	14.81
30	*****			89	2.15

TOTAL CONCENTRATION 218.79

SCOTT RESEARCH LABORATORIES, INC.
L.A. BASIN PROJECT CHROMATOGRAM DATA

EL MONTE

DATE 11-08

TIME 0815 PST

PEAK	PPB	PEAK	PPB	PEAK	PPB
1	112.18	31	32.08	60	*****
2	*****	32	*****	61	9.48
3	58.51	33	*****	62	*****
4	0.46	34	13.91	63	*****
5	*****	35	*****	64	34.13
6	2.07	36	*****	65	2.24
7	0.77	37	18.57	66	*****
8	*****	38	2.48	67	1.10
9	*****	39	*****	68	11.69
10	*****	40	7.83	69	*****
11	4.12	41	*****	70	0.99
12	6.60	42	1.50	71	*****
13	37.53	43	2.02	72	*****
14	27.00	44	4.55	73	*****
15	*****	45	4.89	74	0.87
16	52.63	46	64.57	75	*****
17	8.40	47	11.66	76	*****
18	*****	48	11.25	77	*****
19	12.85	49	*****	78	*****
20	*****	50	4.07	79	*****
21	22.62	51	*****	80	1.01
22	15.62	52	2.45	81	6.97
23	3.07	53	4.47	82	3.88
24	*****	54	*****	83	2.03
25	1.19	55	*****	84	2.71
26	25.41	56	*****	85	*****
27	18.43	57	*****	86	2.13
28	9.93	58	0.81	87	*****
29	5.52	59	1.12	88	15.82
30	5.14			89	2.32

TOTAL CONCENTRATION 715.88

SCOTT RESEARCH LABORATORIES, INC.
L.A. BASIN PROJECT CHROMATOGRAM DATA

EL MONTE

DATE 11-08

TIME 0935 PST

PEAK	PPB	PEAK	PPB	PEAK	PPB
1	29.68	31	6.39	60	*****
2	*****	32	*****	61	5.39
3	13.97	33	0.83	62	*****
4	*****	34	2.65	63	*****
5	*****	35	*****	64	18.74
6	0.41	36	0.85	65	*****
7	*****	37	13.45	66	*****
8	*****	38	*****	67	0.64
9	*****	39	*****	68	5.25
10	1.07	40	1.10	69	1.38
11	0.93	41	1.00	70	0.52
12	10.17	42	*****	71	*****
13	33.12	43	0.94	72	*****
14	7.08	44	0.70	73	*****
15	7.58	45	0.40	74	0.43
16	25.59	46	33.01	75	*****
17	*****	47	5.27	76	*****
18	*****	48	4.98	77	1.36
19	18.93	49	*****	78	*****
20	*****	50	0.90	79	*****
21	17.74	51	*****	80	0.81
22	7.39	52	3.65	81	3.85
23	3.61	53	1.56	82	2.30
24	5.74	54	*****	83	*****
25	*****	55	*****	84	0.89
26	8.79	56	*****	85	*****
27	6.96	57	0.49	86	1.47
28	2.88	58	*****	87	*****
29	*****	59	*****	88	13.12
30	*****			89	2.17

TOTAL CONCENTRATION 338.32

SCOTT RESEARCH LABORATORIES, INC.
 L.A. BASIN PROJECT CHROMATOGRAM DATA

EL MONTE		DATE 11-08		TIME 1220 PST	
PEAK	PPB	PEAK	PPB	PEAK	PPB
1	31.37	31	11.14	60	*****
2	*****	32	*****	61	4.13
3	13.73	33	5.31	62	*****
4	*****	34	2.91	63	*****
5	*****	35	*****	64	13.50
6	0.57	36	*****	65	*****
7	*****	37	3.24	66	*****
8	*****	38	*****	67	1.25
9	*****	39	*****	68	3.97
10	*****	40	*****	69	0.48
11	1.17	41	3.55	70	0.35
12	4.64	42	*****	71	*****
13	24.69	43	0.68	72	*****
14	22.95	44	2.11	73	*****
15	2.63	45	2.32	74	0.27
16	11.94	46	29.69	75	*****
17	2.96	47	4.34	76	*****
18	*****	48	3.01	77	*****
19	11.41	49	*****	78	*****
20	4.12	50	1.61	79	*****
21	*****	51	*****	80	1.12
22	2.32	52	4.47	81	3.13
23	*****	53	2.45	82	1.50
24	*****	54	*****	83	*****
25	*****	55	*****	84	0.45
26	8.57	56	*****	85	*****
27	6.00	57	*****	86	1.28
28	2.12	58	0.64	87	*****
29	*****	59	*****	88	12.50
30	*****			89	1.71

TOTAL CONCENTRATION 274.46

SCOTT RESEARCH LABORATORIES, INC.
L.A. BASIN PROJECT CHROMATOGRAM DATA

EL MONTE

DATE 11-08

TIME 1545 PST

PEAK	PPB	PEAK	PPB	PEAK	PPB
1	34.08	31	*****	60	*****
2	*****	32	8.33	61	4.91
3	15.60	33	6.12	62	*****
4	*****	34	3.24	63	*****
5	*****	35	*****	64	13.04
6	0.55	36	0.75	65	0.91
7	1.93	37	2.30	66	*****
8	5.68	38	*****	67	*****
9	*****	39	*****	68	7.21
10	*****	40	*****	69	0.55
11	0.83	41	2.33	70	2.00
12	2.89	42	*****	71	*****
13	24.43	43	0.34	72	*****
14	14.51	44	1.66	73	*****
15	*****	45	1.45	74	1.68
16	10.71	46	25.70	75	*****
17	*****	47	3.62	76	0.79
18	4.90	48	2.62	77	*****
19	9.40	49	*****	78	0.67
20	*****	50	0.94	79	0.69
21	2.41	51	*****	80	*****
22	0.36	52	3.36	81	4.17
23	*****	53	1.92	82	2.87
24	*****	54	*****	83	0.86
25	*****	55	*****	84	1.57
26	6.55	56	*****	85	0.40
27	4.64	57	*****	86	1.71
28	2.25	58	0.59	87	1.81
29	*****	59	0.56	88	15.66
30	*****			89	4.47

TOTAL CONCENTRATION

273.72

Concentrations of Various Pollutants in Atmosphere
at El Monte, California, pphm

<u>Date 1968</u>	<u>Time PST</u>	<u>Alyphatic Aldehydes</u>	<u>Formal- dehyde</u>	<u>Acrolein</u>	<u>Nitrogen Dioxide</u>	<u>Nitric Oxide</u>	<u>Total Nitrogen Oxides</u>
9/23	1330	2.9	2.4	---	2.1	0.7	2.8
9/24	0817	7.6	2.9	---	18.3	13.9	32.2
	0936	3.6	3.3	---	---	---	---
	1430	4.6	3.5	---	5.4	0.7	6.1
9/25	0800	6.0	4.1	---	17.4	12.3	29.7
	0907	6.1	4.3	0.2	10.2	2.9	13.1
	1020	4.5	---	0.2	4.3	0.6	4.9
	1240	4.4	3.5	0.4	3.3	0.6	3.9
9/26	0808	12.3	6.2	0.3	26.9	16.2	43.1
	0920	9.2	4.7	0.3	13.2	4.2	17.4
	1140	9.2	7.2	0.8	9.7	0.9	10.6
	1255	10.0	7.5	---	5.6	0.7	6.3
9/27	0824	5.1	2.4	0.2	12.5	9.3	21.8
	0935	6.3	3.6	0.2	14.6	4.8	19.4
	1135	6.4	5.1	0.2	12.4	2.0	14.4
	1244	7.0	4.9	0.1	5.6	0.8	6.4
9/30	0820	5.2	1.5	---	6.3	8.5	14.8
	0940	12.5	---	0.1	4.2	2.0	6.2
	1150	9.7	8.8	trace	3.9	1.6	5.5
	1310	3.0	1.7	0.2	6.6	0.9	7.5
10/1	0800	4.3	0.9	---	5.4	6.7	12.1
	0915	4.1	---	trace	5.8	6.8	12.6
10/2	0805	3.3	2.1	0.1	11.1	9.5	20.6
	0912	6.0	1.8	0.1	10.0	3.1	13.1
	1200	2.9	1.8	---	---	---	---
	1323	3.8	1.3	---	3.2	0.6	3.8
10/4	0805	5.8	0.8	trace	5.1	4.0	9.1
	0912	2.7	0.7	0.1	4.4	1.4	5.8
	1135	2.4	---	0.1	5.0	1.0	6.0
	1240	3.1	1.0	---	5.3	0.8	6.1
10/7	0810	9.9	---	---	5.9	2.5	8.3
	0920	8.1	0.7	0.1	5.1	2.5	7.6
	1026	2.9	0.7	trace	3.8	1.0	4.8
	1215	2.5	0.7	0.1	3.5	0.6	4.1
	1320	2.9	1.1	0.1	3.4	0.9	4.3
	1425	2.4	0.6	---	4.5	0.4	4.9

Concentrations of Various Pollutants in Atmosphere
at El Monte, California, pphm

<u>Date 1968</u>	<u>Time PST</u>	<u>Alyphatic Aldehydes</u>	<u>Formal- dehyde</u>	<u>Acrolein</u>	<u>Nitrogen Dioxide</u>	<u>Nitric Oxide</u>	<u>Total Nitrogen Oxides</u>
10/8	0800	7.0	1.3	---	5.1	6.8	11.9
	0905	14.7	1.3	0.2	5.4	2.0	7.4
	1020	3.0	0.8	0.2	3.3	1.0	4.3
	1238	5.6	1.7	0.4	4.4	0.6	5.0
10/9	0800	11.6	2.0	---	6.8	7.9	14.7
	0900	8.9	3.3	0.2	6.8	3.1	9.9
	1005	4.6	1.4	0.2	6.5	0.9	7.4
	1208	5.8	1.3	0.3	5.9	0.8	6.7
	1315	4.7	1.4	0.3	5.7	0.6	6.3
	1422	4.3	1.6	0.2	6.5	0.7	7.2
10/10	0800	---	0.8	0.1	5.0	6.6	11.6
	0905	7.2	2.0	0.1	4.1	1.6	5.7
	1012	3.0	1.7	0.2	3.8	0.8	4.6
	1205	2.9	1.6	0.1	8.0	0.9	8.9
	1312	---	2.1	0.3	6.6	0.7	7.3
	1426	6.3	1.3	0.3	7.6	0.7	8.3
10/11	0805	7.3	2.6	0.2	5.5	9.7	15.2
	0912	8.8	1.5	0.1	4.6	2.4	7.0
	1018	3.5	---	0.1	5.1	1.2	6.3
	1205	4.2	2.8	0.1	5.2	0.8	6.0
	1310	3.3	1.2	0.1	3.6	0.6	4.2
	1427	1.9	2.6	0.2	4.9	0.6	5.5
10/14	0717	3.7	0.3	---	1.9	1.4	2.3
	0824	4.3	---	---	3.4	3.5	6.9
	0928	1.5	0.8	---	2.3	1.9	4.2
	1220	2.5	1.4	---	2.8	2.7	5.5
	1323	2.3	0.7	---	1.7	0.7	2.4
10/15	0800	8.5	0.3	---	7.2	16.5	23.7
	0907	9.1	0.7	0.2	8.5	6.3	14.8
	1012	2.9	0.2	0.1	5.7	2.0	7.7
	1130	2.6	0.1	0.2	2.8	0.7	3.5
	1245	3.9	trace	0.1	3.6	0.3	3.9
	1400	3.3	trace	0.1	3.4	0.2	3.6
10/16	0800	4.4	0.6	0.3	11.2	42.5	53.7
	0900	4.0	0.7	0.2	11.1	8.4	19.5
	1005	2.4	0.5	0.1	5.5	2.1	7.6
	1135	2.3	1.1	0.2	4.3	1.0	5.3
	1240	2.3	0.2	0.1	3.6	0.6	4.2
	1350	1.7	0.1	0.1	2.1	0.3	2.4

Concentrations of Various Pollutants in Atmosphere
at El Monte, California, pphm

Date 1968	Time PST	Alyphatic Aldehydes	Formal- dehyde	Acrolein	Nitrogen Dioxide	Nitric Oxide	Total Nitrogen Oxides
10/17	0800	6.6	---	0.3	10.6	6.4	17.0
	0915	6.1	1.5	0.2	10.4	2.5	12.9
	1018	3.0	0.5	---	4.9	1.2	6.1
	1140	1.2	0.5	0.2	2.5	0.5	3.0
	1245	1.9	0.7	0.1	2.8	0.3	3.1
	1405	1.7	0.7	0.1	1.9	0.1	2.0
10/18	0740	4.5	1.5	0.2	7.5	23.6	31.1
	0846	5.8	2.5	0.1	9.5	7.2	16.7
	0950	2.2	1.4	0.1	6.4	2.7	9.1
	1140	2.3	1.2	0.1	4.1	0.6	4.7
	1248	3.2	1.0	0.1	6.2	0.4	6.6
	1400	3.0	---	0.2	10.0	0.9	10.9
10/21	0815	10.1	2.7	---	10.1	11.8	21.9
	0920	5.6	---	0.3	8.4	2.0	10.4
	1027	8.9	2.8	0.4	16.4	2.3	18.7
	1135	7.5	1.2	0.4	12.3	1.0	13.3
	1242	6.0	2.9	0.4	6.4	0.6	7.0
	1350	7.5	4.2	0.4	5.9	0.5	6.4
10/22	0738	6.8	2.5	0.2	9.8	12.0	21.8
	0850	9.0	3.5	0.3	16.6	4.9	21.5
	0956	7.4	3.3	0.3	11.9	1.2	13.1
	1134	5.5	4.9	0.4	13.8	1.6	15.4
	1235	12.0	8.9	0.8	14.2	1.1	15.3
	1338	14.8	9.0	0.8	10.4	0.8	11.2
	1442	8.4	---	---	6.9	0.4	7.3
10/23	0745	---	---	0.4	3.5	12.2	15.7
	0850	9.5	4.0	0.3	14.6	5.5	20.1
	1000	7.7	4.8	0.4	8.6	1.6	10.2
	1130	4.9	3.1	0.1	2.8	1.0	3.8
	1235	4.1	1.9	0.2	2.7	0.9	3.6
	1340	4.3	2.8	0.5	5.8	0.7	6.5
	1445	---	---	0.6	11.8	0.5	12.3
10/24	0735	6.1	1.6	0.2	9.4	23.2	32.6
	0840	6.7	2.5	0.3	14.2	5.8	20.0
	0955	5.7	3.8	0.2	9.0	1.4	10.4
	1115	2.9	2.0	0.2	2.2	0.3	2.5
	1220	2.2	1.8	0.2	---	---	---
	1328	3.4	2.1	0.2	3.0	0.7	3.7
	1435	4.9	4.0	0.2	5.2	0.8	6.0

Concentrations of Various Pollutants in Atmosphere
at El Monte, California, pphm

<u>Date</u> <u>1968</u>	<u>Time</u> <u>PST</u>	<u>Alyphatic</u> <u>Aldehydes</u>	<u>Formal-</u> <u>dehyde</u>	<u>Acrolein</u>	<u>Nitrogen</u> <u>Dioxide</u>	<u>Nitric</u> <u>Oxide</u>	<u>Total</u> <u>Nitrogen</u> <u>Oxides</u>
10/25	0733	4.8	2.6	0.2	6.7	10.0	16.7
	0840	6.5	3.2	0.2	11.8	5.2	17.0
	0947	5.0	2.4	0.2	10.0	4.1	14.1
	1055	6.3	---	0.3	12.6	2.0	14.6
	1200	7.7	4.3	0.3	10.5	1.6	12.1
	1305	8.1	5.5	0.4	6.5	0.9	7.4
	1410	8.5	6.6	0.4	10.0	1.1	11.1
10/28	0850	7.3	3.9	0.2	17.1	15.2	32.3
	1000	8.2	3.7	0.2	14.0	5.9	19.9
	1103	8.0	3.0	0.2	16.6	2.2	18.8
	1212	9.9	5.8	0.4	15.7	1.3	17.0
	1315	8.1	5.8	0.4	13.0	1.1	14.1
	1420	8.6	5.2	0.3	11.6	1.4	13.0
	1524	7.9	5.3	0.2	13.8	1.6	15.4
10/29	0945	---	4.2	0.2	16.2	5.5	21.7
	1050	6.6	4.5	0.2	11.4	1.3	12.7
	1155	6.6	5.1	0.2	9.8	1.0	10.8
	1303	6.3	3.5	0.2	10.4	0.6	11.0
	1415	4.3	3.3	0.2	7.4	0.7	8.1
	1520	---	4.0	0.1	8.0	0.7	8.7
10/30	0845	2.5	1.3	0.1	3.5	4.1	7.6
	0952	7.3	0.7	trace	4.0	2.0	6.0
	1056	2.3	1.1	0.1	3.7	1.5	5.2
	1230	1.6	1.3	trace	2.8	0.6	3.4
10/31	0840	2.5	1.4	0.1	5.0	5.3	10.3
	0950	1.2	0.8	trace	4.2	2.2	6.4
	1058	1.5	0.8	trace	2.7	1.0	3.7
	1220	1.6	1.1	trace	2.8	0.7	3.5
11/1	0837	7.5	6.9	0.1	4.4	7.3	11.7
	0942	5.8	1.5	trace	6.0	0.3	6.3
	1047	2.2	1.4	trace	4.5	0.9	5.4
	1150	2.0	1.7	0.1	2.7	0.9	3.6
	1255	2.3	1.4	trace	3.7	0.6	4.3
11/4	0935	1.5	0.8	trace	3.1	1.8	4.9
	1040	---	1.0	0.1	8.2	4.1	12.3
	1143	3.0	1.9	0.1	4.8	1.1	5.9
	1245	3.0	2.2	0.1	5.7	0.9	6.6
	1355	2.6	2.0	0.1	4.0	0.6	4.6

Concentrations of Various Pollutants in Atmosphere
at El Monte, California, pphm

<u>Date 1968</u>	<u>Time PST</u>	<u>Alyphatic Aldehydes</u>	<u>Formal- dehyde</u>	<u>Acrolein</u>	<u>Nitrogen Dioxide</u>	<u>Nitric Oxide</u>	<u>Total Nitrogen Oxides</u>
11/5	0930	3.4	1.5	0.1	9.4	6.5	15.9
	1035	2.5	1.4	0.1	6.9	3.1	10.0
	1137	2.3	1.9	0.1	7.3	1.8	9.1
	1240	2.3	2.0	0.1	6.5	1.1	7.6
	1350	2.8	1.7	0.1	5.5	0.7	6.2
11/6	0930	4.6	2.3	0.1	9.0	4.5	13.5
	1033	4.0	2.2	0.1	10.0	2.2	12.2
	1136	3.7	2.7	0.1	7.5	1.5	9.0
	1240	3.9	2.2	0.1	6.9	1.0	7.9
	1347	2.5	1.4	0.1	3.5	0.4	3.9
11/7	0930	5.7	---	0.1	10.9	2.2	13.1
	1040	5.4	3.4	0.1	10.6	2.8	13.4
	1142	5.1	---	0.1	7.1	1.1	8.2
	1247	4.9	3.8	0.1	6.5	1.1	7.6
	1355	3.9	---	0.2	3.9	0.7	4.6
11/8	0930	5.5	2.9	0.2	6.8	1.7	8.5
	1033	5.4	2.2	0.1	10.1	3.0	13.1
	1136	3.9	2.0	0.1	5.5	0.7	6.2
	1239	3.2	2.0	0.1	4.4	0.5	4.9
	1342	4.2	3.4	0.1	6.2	0.9	6.5
	1445	2.6	2.5	---	5.8	0.7	6.5
11/11	0933	3.9	---	0.1	12.2	6.2	18.4
	1035	5.2	3.0	0.1	20.4	5.5	25.9
	1138	7.7	5.8	0.2	19.1	1.5	20.6
	1243	5.6	4.4	0.2	14.6	1.3	15.9
	1350	5.8	4.0	0.2	15.5	0.7	16.2
11/12	0935	3.1	7.1	0.1	8.0	3.0	11.0
	1039	3.5	---	0.1	7.5	1.8	9.3
	1143	3.5	2.5	0.1	9.1	1.6	10.7
	1247	3.1	2.1	0.1	7.1	1.1	8.2
	1352	3.5	---	0.1	7.8	0.9	8.7
11/13	0930	3.3	1.5	0.1	5.4	4.0	9.4
	1035	4.3	1.4	---	6.8	1.8	8.6
	1140	5.2	1.1	0.1	4.9	0.8	5.7
	1245	3.4	1.1	0.1	5.4	0.6	6.0
	1350	3.6	2.0	0.2	3.8	0.3	4.1
11/14	0931	3.3	1.7	trace	9.1	9.3	18.4
	1033	6.3	0.9	0.1	6.7	4.0	10.7
	1136	2.5	1.1	0.1	6.3	1.6	7.9
	1240	2.3	1.5	0.1	4.7	0.7	5.4
	1350	2.2	1.5	1.1	4.0	0.3	4.3

LOS ANGELES ATMOSPHERIC REACTION STUDY - SRL/BBN
 INCOMING UV FLUX / HALF HOUR AVERAGE / IN WATT/M2
 EL MONTE STATION

DAY	HOUR (PST)						10/68	
	6	7	8	9				
1			4.0	4.2	4.4	5.1	6.1	
2					9.8	10.9	11.7	
3			3.3	4.7	7.4	8.4	8.4	
4		2.0	2.0	2.7	3.4	4.0	5.1	
5								
6								18.5
7								
8			8.1	11.1	12.8	15.1	18.8	
9		3.4	8.1	8.4	9.8	18.5	18.8	
10				3.4	3.6	4.0	5.3	
11		.7	2.0	2.7	3.4	7.7	6.7	
12								
13								
14								
15		5.0	7.5	9.8	13.5	15.5	19.8	
16				11.4	15.5	18.5	20.2	
17			8.7	10.8	12.8	16.8	18.9	
18			7.1	11.1	12.9	17.8	19.8	
19								
20								
21				8.4	10.1	13.8	16.0	
22			6.7	9.4	12.4	13.8	16.8	
23								
24			5.7	9.7	12.2	14.4	16.8	
25			6.7	7.7	10.2	13.8	17.5	
26								
27								13.5
28								
29				4.0	6.4	11.4	13.4	
30						6.7	13.8	
31						13.4	10.5	
AVE	0.0	0.0	2.8	5.8	7.5	9.4	12.1	14.1
N	0	0	4	12	16	17	19	21
MAX	0.0	0.0	5.0	8.7	11.4	15.5	18.5	20.2

LOS ANGELES ATMOSPHERIC REACTION STUDY - SRL/BBN
 INCOMING UV FLUX / HALF HOUR AVERAGE / IN WATT/M2
 EL MONTE STATION

DAY	HOUR (PST)								10/68
	10		11		12		13		
1	8.1	7.1	5.0	4.4	6.7	7.4	10.2	11.8	
2	17.5	23.2	16.8	20.5	18.5	22.9	20.8	19.2	
3	11.8	18.5	20.5	15.3	8.4	6.4	6.1	8.0	
4	6.7	9.4	13.4	16.5	12.8	16.5	15.5	14.5	
5									
6									
7	19.5	21.8	24.2	17.5	9.8	16.8	16.8	13.4	
8	21.8	22.5	23.8	23.9	22.2	17.0	17.1	17.0	
9	14.4	20.5	14.4	16.8	18.5	12.1	7.4	5.1	
10	6.7	5.1	6.4	6.9	10.8	18.5	14.4	14.3	
11	6.7	5.8	7.4	8.0	12.1	20.0	20.2	18.8	
12									
13									
14							8.4	20.5	
15	21.8	24.7	27.6	25.2	25.2	22.2	21.5	19.8	
16	22.2	23.2	25.5	25.2	25.5	25.9	25.5	20.5	
17	20.2	22.8	24.5	24.9	23.2	22.2	19.8	18.2	
18	21.8	20.2	17.8	18.5	23.5	20.2	9.1	10.0	
19									
20									
21	16.5	18.2	19.2	20.2	21.2	19.4	19.2	14.8	
22	19.5	20.2	21.5	20.8	25.2	23.5	18.5	21.2	
23	19.0	20.2	21.8	22.9	21.5	20.2	19.8	16.8	
24	19.5	21.2	22.2	23.5	22.2	20.8	18.5	16.2	
25	13.4	20.2	18.5	19.5	19.2	15.1	15.4	13.8	
26									
27									
28	14.0	16.5	16.8	18.2	18.9	17.8	16.7	15.1	
29	15.5	18.2	21.8	21.8	18.2	13.4	16.1	10.0	
30	16.8	20.2	20.2	20.2	20.8	20.8	12.1	10.1	
31	5.0	9.8	17.1	14.1	12.1	11.4	10.1	11.1	
AVE	15.4	17.7	18.5	18.4	18.0	17.7	15.6	14.8	
N	22	22	22	22	22	22	23	23	
MAX	22.2	24.7	27.6	25.2	25.5	25.9	25.5	21.2	

LOS ANGELES ATMOSPHERIC REACTION STUDY - SRL/BBN

INCOMING UV FLUX / HALF HOUR AVERAGE / IN WATT/M2

EL MONTE STATION

DAY	HOUR (PST)								10/68		
	14		15		16		17		AVE	N	MAX
1	8.1	6.7	6.7	5.0					6.5	17	11.8
2	14.5	12.8	10.8	8.4					15.9	15	23.2
3	5.0	3.4	2.7	2.6					8.3	17	20.5
4	13.8	15.1	13.1	7.7					9.7	18	16.5
5											
6											
7	7.0	5.9	4.7	4.2					13.9	13	24.2
8	14.1	12.0	10.1	7.4					16.2	17	23.9
9	5.0	8.7	8.7	6.8	6.4				11.1	19	20.5
10	12.8	9.1	7.0	5.0	4.4				8.1	17	18.5
11	16.8								9.3	15	20.2
12											
13											
14	23.5	14.8	18.5	13.4	6.7	6.7			14.1	8	23.5
15	17.8	13.5	11.4	8.1					17.2	18	27.6
16	18.5	11.8	9.1	6.7					19.1	16	25.9
17	15.5	1.4	8.4	6.0	5.4				16.1	18	24.9
18	6.7	6.6	7.1	5.0					13.8	17	23.5
19											
20											
21	13.3	8.7	6.9	5.0	3.2	1.3			13.1	18	21.2
22	21.8	22.2	20.8						18.4	16	25.2
23	10.1	9.1	7.7	4.7	3.0				15.1	13	22.9
24	13.1	11.8	8.1	6.7	3.7				14.8	18	23.5
25	11.1	9.8	7.4	6.1					13.3	17	20.2
26											
27											
28	11.8	9.1	6.7	4.0	2.7	1.3	0.0		11.4	16	18.9
29	10.1	7.4	8.4	8.1	3.4	1.7			11.6	18	21.8
30	11.5	10.1	11.8						15.0	13	20.8
31	11.4	10.1	10.2	6.4	3.7				10.4	15	17.1
AVE	12.8	10.5	9.4	6.4	4.3	2.7	0.0	0.0			
N	23	22	22	20	10	4	1	0			
MAX	23.5	22.2	20.8	13.4	6.7	6.7	0.0	0.0			

LOS ANGELES ATMOSPHERIC REACTION STUDY - SRL/BBN
 INCOMING UV FLUX / HALF HOUR AVERAGE / IN WATT/M2
 EL MONTE STATION

DAY	HOUR (PST)					11/68		
	6	7	8	9				
1					8.7	9.1	10.8	
2								
3								
4							15.1	
5						13.8	15.1	
AVE	0.0	0.0	0.0	0.0	0.0	8.7	11.4	13.7
N	0	0	0	0	0	1	2	3
MAX	0.0	0.0	0.0	0.0	0.0	8.7	13.8	15.1

LOS ANGELES ATMOSPHERIC REACTION STUDY - SRL/BBN

INCOMING UV FLUX / HALF HOUR AVERAGE / IN WATT/M2

EL MONTE STATION

DAY	HOUR (PST)								11/68
	10		11		12		13		
1	11.8	18.8	23.5	16.8	19.2	33.6	30.3		
2									
3									
4	16.5	15.1	17.1	17.2	17.8	16.5	13.5	11.4	
5	16.5	18.5	20.5	18.8	18.5				
AVE	14.9	17.5	20.4	17.6	18.5	25.0	21.9	11.4	
N	3	3	3	3	3	2	2	1	
MAX	16.5	18.8	23.5	18.8	19.2	33.6	30.3	11.4	

LOS ANGELES ATMOSPHERIC REACTION STUDY - SRL/BBN

INCOMING UV FLUX / HALF HOUR AVERAGE / IN WATT/M2

EL MONTE STATION

DAY	HOUR (PST)								11/68		
	14	15	16	17					AVE	N	MAX
1									18.3	10	33.6
2											
3											
4	8.4	7.7	6.0	3.4					12.7	13	17.8
5									17.4	7	20.5
AVE	8.4	7.7	6.0	3.4	0.0	0.0	0.0	0.0			
N	1	1	1	1	0	0	0	0			
MAX	8.4	7.7	6.0	3.4	0.0	0.0	0.0	0.0			

LOS ANGELES ATMOSPHERIC REACTION STUDY - SEL/BEN

WIND SPEED / HALF HOUR AVERAGE / IN MPH

EL MONTE STATION

DAY	HOUR (PST)						9/68					
	0	1	2	3	4	5						
1												
2												
3												
4												
5												
6												
7												
8												
9												
10												
11												
12												
13												
14												
15												
16												
17												
18												
19												
20												
21	2	1	0	0	1	1	0	0	0	0	0	0
22	1	1	1	1	1	1	1	1	1	1	2	1
23	2	2	2	2	2	2	2	1	2	1	1	2
24	2	2	2	1	1	2	2	2	2	2	1	3
25	2	1	2	1	2	2	1	1	2	1	2	2
26	0	0	0	0	0	0	0	0	0	0	0	0
27	1	0	0	0	0	0	0	2	1	1	1	1
28	3	3	2	2	2	2	2	2	2	2	1	2
29	2	2	2	1	1	1	1	1	2	2	2	1
30	2	2	2	3	2	1	1	1	1	1	1	1
AVE	2	1	1	1	1	1	1	1	1	1	1	1
1	10	10	10	10	10	10	10	10	10	10	10	10
MAY	3	3	2	3	2	2	2	2	2	2	2	3

LOS ANGELES ATMOSPHERIC REACTION STUDY - SPL/BBN

WIND SPEED / HALF HOUR AVERAGE / IN MPH

EL MONTE STATION

DAY	HOUR (PST)						9/68					
	5	7	8	9	10	11						
1												
2												
3												
4												
5												
6												
7												
8												
9												
10												
11												
12												
13												
14												
15												
16												
17												
18												
19												
20												
21	0	0	0	1	1	1	2	2	3	2	5	3
22	1	1	1	1	2	3	2	2	2	2	3	4
23	1	2	1	1	1	2	1	3	4	5	3	2
24	3	2	0	0	0	1	0	0	1	3	1	2
25	2	1	1	1	2	1	2	1	1	1	2	3
26	0	2	0	0	0	2	2	2	2	2	3	4
27	1	1	1	1	2	2	2	2	2	2	3	2
28	2	3	3	2	2	2	4	3	5	4	4	4
29	1	1	1	2	1	2	2	2	3	3	3	3
30	1	1	2	2	2	2	3	2	2	2	4	5
AVE	1	1	1	1	1	2	2	2	3	3	3	3
N	10	10	10	10	10	10	10	10	10	10	10	10
MAX	3	3	3	2	2	3	4	3	5	5	5	5

LOS ANGELES ATMOSPHERIC REACTION STUDY - SRL/BBN

WIND SPEED / HALF HOUR AVERAGE / IN MPH

EL MONTE STATION

DAY	HOUR (PST)												9/68
	12	13	14	15	16	17							
1													
2													
3													
4													
5													
6													
7													
8													
9													
10													
11													
12													
13													
14													
15													
16													
17													
18													
19													
20						6	5	8	7	5	5	6	
21	4	4	5	7	6	8	9	9	8	8	7	7	
22	4	5	6	6	6	7	8	8	7	6	3	3	
23	4	4	3	5	4	5	5	6	6	5	4	5	
24	2	3	4	5	9	12	11	9	8	6	6	4	
25	3	4	5	5	5	8	9	8	6	7	7	6	
26	6	6	6	7	8	8	8	7	8	7	6	6	
27	4	5	5	5	5	6		10	10	8	6	7	
28	4	5	4	7	8	8	9	9	9	8	8	7	
29	4	4	4	4	3	4	6	5	5	6	7	7	
30	5	5	4	4	4	5	8	7	7	5	3	3	
AVE	4	5	5	6	6	7	8	8	7	6	6	6	
F	10	10	10	10	10	11	10	11	11	11	11	11	
MAX	5	5	5	7	9	12	11	10	10	8	8	7	

LOS ANGELES ATMOSPHERIC REACTION STUDY - SRL/HRM

WIND SPEED / HALF HOUR AVERAGE / IN MPH

EL MONTE STATION

DAY	HOUR (PST)												9/58		
	18	19	20	21	22	23	24	25	26	27	28	29	AVE	N	MAX
1															
2															
3															
4															
5															
6															
7															
8															
9															
10															
11															
12															
13															
14															
15															
16															
17															
18															
19															
20	5	7	7	5	3	2	1	1	1	2	1	2	4.2	19	8
21	6	5	4	3	3	1	1	1	0	0	0	1	2.8	48	9
22	1	1	2	1	2	3	2	1	0	1	1	2	2.6	48	8
23	4	3	1	2	1	2	1	0	1	1	1	2	2.5	48	6
24	3	1	0	1	1	1	1	1	1	1	1	2	2.7	48	12
25	4	3	1	1	1	1	1	1	1	0	0	0	2.6	48	9
26	4	4	5	5	5	3	2	1	1	2	2	1	2.8	48	8
27	6	5	5	4	4	3	2	2	2	4	3	4	3.1	47	10
28	7	7	6	6	5	4	3	3	3	3	3	2	4.2	48	9
29	5	3	3	2	3	3	1	2	2	3	3	1	2.8	48	7
30	2	2	3	3	2	3	3	5	3	3	2	3	2.9	48	8
AVE	4	4	3	3	3	2	2	2	2	2	2	2			
N	11	11	11	11	11	11	11	11	11	11	11	11			
MAX	7	7	7	6	5	4	3	5	3	4	3	4			

LOS ANGELES ATMOSPHERIC REACTION STUDY - SF₆/BBN

WIND SPEED / HALF HOUR AVERAGE / IN MPH

EL MONTE STATION

DAY	HOUR (PST)											10/6E
	0	1	2	3	4	5	6	7	8	9	10	11
1	2	4	4	4	4	4	4	3	3	2	2	2
2	0	0	0	0	0	1	0	1	1	2	2	3
3	4	5	7	5	8	9	6	4	4	3	2	2
4	1	2	2	1	2	0	1	2	1	1	2	2
5												
6												
7												
8	2	1	1	2	3	2	1	0	0	0	0	0
9	1	1	2	1	2	1	1	0	2	1	2	2
10	2	1	1	1	0	0	2	1	1	1	1	1
11	0	1	0	1	0	1	1	1	1	1	0	0
12	0	0	2	0								
13												
14	3	4	3	2	2	3	3	3	2	4	4	4
15	2	3	4	4	4	4	3	3	3	3	2	3
16	1	1	2	2	3	1	1	2	2	4	1	1
17	3	2	3	3	2	2	3	4	2	2	2	2
18	2	2	1	2	2	2	2	1	2	1	2	1
19	1	0	0	0	0	0	0	0	0	0	0	0
20												
21	1	0	0	0	1	0	0	0	0	0	0	0
22	2	1	1	2	2	1	1	2	1	1	2	2
23	1	2	1	1	1	2	1	0	1	1	1	2
24	1	1	2	2	2	1	2	1	3	2	2	2
25	0	0	1	0	0	0	2	2	1	1	2	2
26	1	2	2	2	1	1	2	2	1	1	1	1
27	1	1	2	1	0	1	1	1	0	0	0	0
28	1	1	1	0	0	1	1	2	2	1	1	1
29	2	2	2	2	2	2	2	1	1	1	2	1
30	1	2	1	2	1	1	1	0	1	2	1	1
31	1	1	0	2	1	0	1	0	0	0	0	0
AVE	1	2	2	2	2	2	2	1	1	1	1	1
N	26	26	26	26	25	25	25	25	25	25	25	25
MAX	4	5	7	5	8	9	6	4	4	4	4	4

LOS ANGELES ATMOSPHERIC REACTION STUDY - SRL/BBN

WIND SPEED / HALF HOUR AVERAGE / IN MPH

EL MONTE STATION

DAY	HOUR (PST)											1968
	6		7		8		9		10		11	
1	2	2	3	3	2	1	1	1	2	2	2	2
2	1	0	0	1	2	2	2	2	3	2	3	3
3	3	3	3	3	2	1	1	1	2	2	2	3
4	1	1	0	1	1	2	3	2	1	2	2	2
5												
6												
7												
8	0	1	1	1	2	2	2	3	4	2	2	3
9	2	2	2	1	2	1	2	2	4	4	5	3
10	0	0	1	1	1	0	1	1	3	3	4	3
11	2	2	1	1	2	3	4	2	2	1	2	1
12												
13												
14	4	3	5	5	5	5	5	5	5	5	4	4
15	2	2	4	3	3	2	2	3	3	3	5	5
16	2	2	2	3	2	2	2	2	2	4	4	3
17	3	2	2	2	1	2	2	1	2	4	5	5
18	2	1	1	2	3	3	3	2	2	2	2	3
19	0	0	0	1	0	1	1	0	1	2	3	4
20												
21	1	1	0	1	0	0	1	1	5	4	4	6
22	1	2	2	1	1	1	1	1	1	1	2	6
23	1	1	1	0	0	1	1	2	1	1	1	2
24	2	2	2	2	2	2	1	1	2	1	2	4
25	2	1	1	1	1	2	2	1	1	1	1	2
26	0	2	1	1	1	1	1	1	2	3	4	4
27	0	0	0	0	1	1	1	1	2	2	3	5
28	2	1	1	3	2	2	1	1	4	5	4	3
29	2	2	2	2	2	3	2	3	4	2	3	4
30	0	2	3	2	2	1	2	3	3	4	5	6
31	2	2	0	1	2	2	3	3	3	3	3	2
AVE	1	1	2	2	2	2	2	2	2	3	3	3
1	25	25	25	25	25	25	25	27	27	27	27	27
MAX	4	3	5	5	5	5	5	5	5	5	5	6

LOS ANGELES ATMOSPHERIC REACTION STUDY - SRL/BBB

WIND SPEED / HALF HOUR AVERAGE / IN MPH

EL MONTE STATION

DAY	HOUR (PST)											10/68
	12		13		14		15		16		17	
1	3	2	3	2	5	4	6	6	6	6	5	4
2	3	4	5	7	7	7	7	8	8	5	6	6
3	2	2	2	3	3	4	3	2	3	3	3	2
4	4	4	3	3	4	3	3		3	7	7	5
5												
6												
7	2	2	2	2	3	8	8	6	5	6	5	5
8	3	4	3	8	8	9	8	7	6	7	7	6
9	6	2	3	4	3	3	5	12	13	8	7	6
10	1	3	3	3	2	2	3	2	3	7	7	6
11	2	2	1	2		3	3	3	4	4	5	6
12												
13			9	6	10	10	10	8	7	6	6	5
14	5	4	4	4	3	3	4	4	6	6	6	6
15	5	5	4	4	5	6	8	7	7	5	5	3
16	4	4	4	4	3	8	6	8	6	5	3	3
17	5	4	6	5	4	3	5	7	7	5	4	2
18	4	5	5	5	5	8	7	6	4	5	4	3
19	5	6	7	7								
20	5	7	6	7	8	8	7	8	7	6	5	5
21	5	6	7	6	7	8	7	6	6	6	6	4
22	6	6	7	7	7	7	8	8	7	3	4	3
23	2	3	3	4	6	7	5	4	3	4	5	4
24	3	3	4	5	7	6	7	7	8	6	6	3
25	5	8	8	8	9	5	6	3	3	3	3	4
26	5	6	6	7	7	8	7	7	6	6	4	3
27	7	8	8	8	7	8	9	8	8	6	4	3
28	4	4	4	6	7	6	6	8	8	8	6	7
29	7	8	10	9	7	6	4	3	4	6	11	9
30	5	5	5	7	8	8	7	6	5	4	4	3
31	2	1	2	3	3	2	2	3	2	1	2	2
AVE	4	4	5	5	6	6	6	6	6	5	5	4
MIN	27	27	28	28	26	27	26	26	27	27	27	27
MAX	7	8	10	9	10	10	10	12	13	8	11	9

LOS ANGELES ATMOSPHERIC REACTION STUDY - SRL/BRN

WIND SPEED / HALF HOUR AVERAGE / IN MPH

FL MONTE STATION

DAY	HOUR (PST)												10/68		
	18		19		20		21		22		23		AVE	N	MAX
1	3	3	2	2	2	1	0	0	1	1	0	0	2.7	48	6
2	6	6	4	2	2	2	3	8	7	4	3	8	3.3	48	8
3	2	3	4	3	3	4	3	3	2	1	2	1	3.1	48	9
4	5	5	5	4	3	2							2.6	41	7
5															
6															
7	4	3	3	3	2	3	4	3	3	2	2	2	3.5	29	8
8	3	5	5	3	2	1	1	1	0	1	1	0	2.9	48	9
9	4	5	3	1	2	1	1	1	1	1	1	2	2.9	48	13
10	6	5	2	2	1	1	1	0	1	1	1	0	1.8	48	7
11	6	6	6	4	3	1	1	0	0	0	0	0	2.0	47	6
12													.5	4	2
13	4	4	4	3	2	3	3	3	3	2	2	1	5.0	22	10
14	4	4	6	5	4	3	3	2	3	3	2	2	3.9	48	6
15	2	2	2	3	2	2	2	2	1	1	2	0	3.3	48	8
16	2	3	3	4	3	2	3	2	2	3	3	2	2.9	48	8
17	2	2	2	1	1	0	1	1	3	2	2	1	2.8	48	7
18	2	2	1	2	2	5	4	2	1	0	1	0	2.7	48	8
19													1.4	28	7
20	3	3	3	2	2	1	1	1	0	0	1	1	3.7	29	8
21	3	3	2	1	0	1	0	0	0	1	1	1	2.4	48	8
22	2	3	2	1	1	1	2	1	1	1	1	1	2.7	48	3
23	3	1	0	0	1	1	1	2	1	1	2	1	1.9	48	7
24	2	2	1	1	0	1	1	1	1	2	2	0	2.6	48	8
25	2	2	4	6	5	3	2	2	1	3	5	3	2.7	47	9
26	3	2	2	1	2	1	0	0	1	2	1	1	2.6	48	8
27	2	1	3	1	1	0	1	2	2	1	2	1	2.6	48	9
28	6	3	3	4	3	2	2	6	1	1	2	3	3.0	48	9
29	5	5	3	3	2	1	3	1	1	1	1	1	3.4	48	11
30	3	4	2	0	1	2	2	1	2	1	1	1	2.8	48	8
31	4	4	5	5	5	4	1	0	1	0	1	2	1.9	48	8
A/F	3	3	3	2	2	2	2	2	2	1	2	1			
N	27	27	27	27	27	27	26	26	26	26	26	26			
MAX	6	6	6	6	5	5	4	8	7	4	5	8			

LOS ANGELES ATMOSPHERIC REACTION STUDY - SAL/BBN

WIND SPEED / HALF HOUR AVERAGE / IN MPH

EL MONTE STATION

DAY	11/68											
	0	1	2	3	4	5	6	7	8	9	10	11
1	1	0	0	0	0	0	0	1	0	0	0	0
2	1	0	0	1	2	2	1	0	1	2	2	2
3	1	0	0	0	1	1	2	1	2	2	2	1
4	1	1	1	1	1	1	1	1	0	1	0	1
5	1	1	1	1	1	1	0	1	2	1	0	1
6	2	2	2	1	1	0	1	1	0	1	2	2
7	1	0	2	1	1	2	2	1	2	2	2	2
8	2	3	3	4	3	3	3	3	2	2	4	3
9	2	2	2	2	2	2	1	2	1	2	2	3
10	2	1	1	1	1	1	2	2	2	1	1	2
11	2	2	1	1	1	1	2	2	2	2	2	2
12	3	1	1	2	1	1	2	1	1	1	1	1
13	1	0	0	1	1	1	1	1	1	1	1	1
14	2	1	2	1	2	2	1	2	2	1	1	1
15	6	4	4	4	3	2	4	5	4	3	4	7
AVE	2	1	1	1	1	1	2	2	2	1	2	2
T	15	15	15	15	15	15	15	15	15	15	15	15
MAX	6	4	4	4	3	3	4	5	4	3	4	7

LOS ANGELES ATMOSPHERIC REACTION STUDY - SRL/BBN

WIND SPEED / HALF HOUR AVERAGE / IN MPH

EL MONTE STATION

DAY	HOUR (PST)										11/68	
	6		7		8		9		10		11	
1	1	0	0	0	0	1	2	3	2	2	3	3
2	1	1	2	1	1	2	1	1	1	2	2	2
3	0	0	2	3	3	1	2	1	2	2	3	3
4	2	1	1	1	1	1	1	1	1	2	4	5
5	1	0	0	0	2	3	1	2	2	2	3	3
6	1	1	1	1	1	3	3	2	1	1	2	4
7	1	0	1	1	1	1	1	1	2	1	2	1
8	3	3	2	2	2	3	3	2	2	3	5	4
9	1	3	2	2	1	2	3	1	2	1	2	2
10	2	2	1	2	2	1	2	1	2	1	2	3
11	2	2	2	2	2	3	3	1	1	2	4	5
12	1	1	3	3	3	3	2	3	2	2	2	2
13	1	0	1	1	1	1	1	1	1	2	4	4
14	1	1	1	1	1	1	1	1	1	2	4	4
15	9	7	5	7	9	9	8	8	9	8	10	9
AVE	2	1	2	2	2	2	2	2	2	2	3	4
1	15	15	15	15	15	15	15	15	15	15	15	15
MAX	9	7	5	7	9	9	8	8	9	8	10	9

LOS ANGELES ATMOSPHERIC REACTION STUDY - SRL/BBN

WIND SPEED / HALF HOUR AVERAGE / IN MPH

EL MONTE STATION

DAY	HOUR (PST)											11/68
	12		13		14		15		16		17	
1	4	5	5	6	5	6	7	7	7	7	5	5
2	3	3	4	4	4	5	7	7	8	7	6	4
3	4	3	3	4	5	6	6	6	6	7	7	4
4	5	7	7	7	7	8	9	9	8	7	5	6
5	3	4	4	4	4	5	5	6	7	7	5	5
6	2	2	2	2	2	3	6	7	5	6	5	3
7	1	2	4	3	4	4	5	5	5	5	5	3
8	5	6	8	6	6	5	4	4			6	3
9	2	3	3	5	5	4	6	5	7	6	5	3
10	3	3	2	3	4	3	3	3	4	3	2	2
11	5	6	6	5	5	5	4	3	4	4	3	2
12	2	2	3	4	4	5	5	5	5	5	4	5
13	5	4	4	4	5	5	5	7	7	6	5	2
14	4	5	5	6	5	6	7	8	7	6	6	5
15												
AVE	4	4	4	5	5	5	6	6	6	6	5	4
↑	14	14	14	14	14	14	14	14	13	13	14	14
MAX	5	7	8	7	7	8	9	9	8	7	7	6

LOS ANGELES ATMOSPHERIC REACTION STUDY - SPL/BRN

WIND SPEED / HALF HOUR AVERAGE / IN MPH

EL MONTE STATION

DAY	HOUR (PST)												11/68		
	18		19		20		21		22		23		AVE	N	MAX
1	5	5	3	1	1	0	1	0	0	0	0	1	2.2	48	7
2	5	7	5	1	1	1	1	2	0	2	2	2	2.5	48	8
3	3	2	1	1	0	1	0	2	2	1	1	1	2.3	48	7
4	5	4	3	3	3	2	1	1	0	1	0	1	2.9	48	9
5	4	2	2	1	0	1	1	1	1	0	2	2	2.2	48	7
6	3	3	1	0	0	1	0	2	1	1	0	0	2.0	48	7
7	4	2	1	1	1	2	1	2	1	1	2	2	2.0	48	5
8	1	2	2	2	1	2	3	0	1	1	1	1	3.0	46	8
9	3	3	3	1	1	1	1	1	1	2	2	2	2.5	48	7
10	1	1	1	2	1	2	2	1	1	1	2	2	1.9	48	4
11	1	1	1	0	1	2	1	3	2	4	4	2	2.6	48	6
12	6	4	4	4	4	4	3	2	2	2	1	1	2.7	48	6
13	2	2	3	3	2	1	1	1	1	2	1	1	2.2	48	7
14	4	3	2	1	1	1	2	2	2	4	4	5	2.9	48	8
15													6.2	24	10
AVE	3	3	2	2	1	2	1	1	1	2	2	2			
N	14	14	14	14	14	14	14	14	14	14	14	14			
MAX	6	7	5	4	4	4	3	3	2	4	4	5			

LOS ANGELES ATMOSPHERIC REACTION STUDY - SRL/BBN

WIND DIRECTION / HALF HOUR AVERAGE / IN DEG TRUE

EL MONTE STATION

DAY	HOUR (PST)												9/68
	0	1	2	3	4	5							
1													
2													
3													
4													
5													
6													
7													
8													
9													
10													
11													
12													
13													
14													
15													
16													
17													
18													
19													
20													
21	20	25	30	70	50	70	90	45	25	75	10	30	
22	80	80	40	35	20	80	35	60	50	60	55	20	
23	55	0	130	275	60	35	25	40	30	45	100	30	
24	50	25	30	25	25	45	30	35	35	20	55	30	
25	30	80	40	40	50	40	25	25	40	25	45	50	
26	120	50	100	35	30	70	95	50	55	45	35	20	
27	110	50	120	160	95	95	50	225	210	185	210	315	
28	235	210	160	200	340	150	140	185	110	145	110	265	
29	270	230	225	35	55	25	50	50	295	255	255	255	
30	135	145	85	105	125	120	85	70	85	95	85	45	
AVE	110	89	96	98	85	73	63	78	93	95	96	106	
N	10	10	10	10	10	10	10	10	10	10	10	10	
MAX	270	230	225	275	340	150	140	225	295	255	255	315	

LOS ANGELES ATMOSPHERIC REACTION STUDY - SRL/BBN

WIND DIRECTION / HALF HOUR AVERAGE / IN DEG TRUE

EL MONTE STATION

DAY	HOUR (PST)						9/68					
	6	7	8	9	10	11						
1												
2												
3												
4												
5												
6												
7												
8												
9												
10												
11												
12												
13												
14												
15												
16												
17												
18												
19												
20												
21	50	25	55	170	105	170	255	260	225	260	260	235
22	35	30	90	110	120	145	30	180	70	120	140	220
23	5	30	265	300	40	10	290	230	225	235	230	325
24	35	20	65	40	190	60	350	330	280	325	340	320
25	45	70	285	20	310	300	145	10	290	275	280	280
26	45	45	20	95	340	230	230	220	230	235	240	230
27	300	320	325	230	0	355	275	85	0	355	235	275
28	145	140	185	240	215	190	180	235	230	225	220	245
29	260	195	195	185	120	110	170	220	250	200	200	235
30	50	45	70	80	40	75	80	90	220	260	245	260
AVE	97	92	155	147	148	164	200	186	202	249	239	263
N	10	10	10	10	10	10	10	10	10	10	10	10
MAX	300	320	325	300	340	355	350	330	290	355	340	325

LOS ANGELES ATMOSPHERIC REACTION STUDY - SRL/BBN

WIND DIRECTION / HALF HOUR AVERAGE / IN DEG TRUE

EL MONTE STATION

DAY	HOUR (PST)						9/68					
	12	13	14	15	16	17						
1												
2												
3												
4												
5												
6												
7												
8												
9												
10												
11												
12												
13												
14												
15												
16												
17												
18												
19												
20					250	260	265	270	260	270	260	
21	260	235	230	225	225	240	240	255	250	240	245	230
22	250	240	230	250	270	260	250	250	265	280	265	265
23	190	225	225	250	230	250	275	270	230	270	260	245
24	265	295	310	310	230	240	230	260	245	270	245	210
25	275	270	265	265	260	240	255	265	260	265	250	225
26	230	210	220	230	230	230	235	230	230	225	230	225
27	220	230	225	240	230	210	230	235	230	245	235	220
28	235	235	250	250	220	215	215	220	220	220	225	210
29	250	215	190	195		225	205	210	215	220	230	235
30	255	260	265	265	240	250	250	260	255	265	275	270
AVE	243	241	241	248	237	237	240	247	247	251	248	236
N	10	10	10	10	9	11	11	11	11	11	11	11
MAX	275	295	310	310	270	260	275	270	280	280	275	270

LOS ANGELES ATMOSPHERIC REACTION STUDY - SRL/BBN

WIND DIRECTION / HALF HOUR AVERAGE / IN DEG TRUE

EL MONTE STATION

DAY	9/68														
	HOUR (PST)														
	18	19	20	21	22	23				AVE	N	MAX			
1															
2															
3															
4															
5															
6															
7															
8															
9															
10															
11															
12															
13															
14															
15															
16															
17															
18															
19															
20	240	225	220	205	185	235	180	280	90	190	135	20	212.6	19	280
21	225	225	220	225	215	215	165	145	35	60	70	15	152.1	48	260
22	270	110	95	315	60	50	50	190	5	15	15	20	128.6	48	315
23	230	230	195	50	60	35	95	60	60	50	40	60	148.9	48	325
24	200	165	45	60	80	25	300	45	50	60	35	20	144.9	48	350
25	210	130	195	200	230	225	235	260	320	290	260	150	180.2	48	320
26	215	215	215	225	225	220	235	250	250	235	230	240	173.9	48	340
27	220	225	220	215	210	215	210	200	210	210	225	230	206.7	48	355
28	210	215	220	225	225	215	220	210	180	180	195	225	207.0	48	340
29	225	240	240	235	205	210	200	205	195	200	205	170	197.0	47	295
30	255	210	245	250	260	245	225	220	220	225	230	250	180.0	48	275
AVE	227	204	192	200	178	172	192	188	147	156	149	127			
N	11	11	11	11	11	11	11	11	11	11	11	11			
MAX	270	240	245	315	260	245	300	280	320	290	260	250			

LOS ANGELES ATMOSPHERIC REACTION STUDY - SRL/BBN

WIND DIRECTION / HALF HOUR AVERAGE / IN DEG TRUE

EL MONTE STATION

DAY	HOUR (PST)											10/68
	0	1	2	3	4	5						
1	230	205	210	215	220	215	220	220	200	190	210	205
2	85	30	95	80	20	35	50	70	75	25	35	40
3	320	320	30	40	195	240	235	175	175	175	100	10
4	310	25	80	130	50	95	270	310	250	220	320	0
5	50	40	80	75	10	60	40	30	70	335	75	45
6	75	90	260	245	150	80	50	100	145	135	120	65
7	335	0	115	80	25	95	135	150	210	355	0	35
8												
9	70	85	50	50	70	75	35	305	20	100	175	320
10	165	275	25	80	150	155	160	85	50	70	65	10
11	20	45	50	50	150	65	0	10	55	165	50	20
12	10	10	10	60	355	75	15	15	105	90	70	65
13	5	60	65	275	335	105	60	95	25	20	20	50
14	205	205	205	160	115	105	110	90	70	50	55	65
15	40	140	285	15	140	20	350	315	145	105	15	40
16	40	65	40	60	25	20	25	35	85	10	35	25
17	65	50	55	30	45	25	15	30	30	65	65	0
18	25	15	35	55	55	10	30	5	35	45	20	5
19	55	320	65	0	50	10	25	45	0	130	45	60
20												
21	30	90	95	10	35	90	15	45	320	355	110	65
22	50	90	45	50	25	310	25	55	70	55	50	30
23	10	40	130	55	335	30	50	200	55	50	50	35
24	40	25	30	0	0	40	45	20	35	35	45	25
25	30	20	40	65	65	280	15	45	70	80	10	50
26	345	20	80	55	95	280	85	95	40	295	315	200
27	40	50	35	50	35	75	65	250	270	40	40	115
28	210	305	65	110	135	235	270	220	245	305	10	30
29	0	15	45	345	350	70	115	140	330	265	245	295
30	110	125	165	100	80	85	105	140	355	55	65	25
31	75	80	70	20	15	65	20	70	105	65	90	10
AVE	105	100	88	88	115	105	91	116	126	134	86	67
N	29	29	29	29	29	29	29	29	29	29	29	29
MAX	345	320	285	345	355	310	350	315	355	355	320	320

LOS ANGELES ATMOSPHERIC REACTION STUDY - SRL/BBN

WIND DIRECTION / HALF HOUR AVERAGE / IN DEG TRUE

EL MONTE STATION

DAY	HOUR (PST)												10/68
	6	7	8	9	10	11							
1	215	215	210	215	220	205	210	255	155	170	290	345	
2	40	125	320	105	40	5	40	80	170	240	260	265	
3	15	50	50	50	80	210	345	320	320	290	110	95	
4	50	135	130	190	25	50	55	15	125	220	230	235	
5	20	35	20	320	240	250	240	310	210	225	200	225	
6	15	15	0	355	25	20	45	40	0	290	230	260	
7	5	355	290	230	230	250	195	220	220	140	15	70	
8			60	85	85	0	240	230	195	190	230		
9	355	10	140	340	155	350	120	150	210	240	220	225	
10	75	40	40	80	150	350	150	150	190	200	235	290	
11	15	30	55	95	80	90	100	130	160	240	275	300	
12	35	25	60	45	40	80	80	125	105	100	255	120	
13	45	85	20	65	95	295	355	35	175	255	250	185	
14	45	105	130	125	95	95	100	95	115	115	110	120	
15	50	110	60	60	130	150	80	130	265	320	280	240	
16	55	45	65	50	45	70	280	55	50	190	225	235	
17	25	25	335	115	60	55	55	330	230	235	280	295	
18	15	355	25	15	65	70	75	135	120	170	55	280	
19													
20								140	230	220	220	240	
21	40	105	30										
22	40	15	30	30	215	120	150	320	245	270	255	225	
23	25	45	35	20	350	265	55	120	45	55	350	210	
24	30	35	25	20	165	205	310	330	320	305	320	325	
25	25	355	35	65	45	65	85	95	345	240	215	215	
26	130	75	295	80	290	145	165	260	245	235	220	225	
27	210	350	125	25	10	55	100	265	245	235	225	220	
28	335	355	320	255	280	330	70	50	215	225	215	225	
29	65	90	60	345	340	300	200	120	130	145	105	155	
30	45	35	50	65	70	100	105	125	190	205	230	210	
31	25	45	5	75	120	90	90	55	65	75	85	60	
AVE	73	117	106	125	134	156	132	162	184	208	212	218	
N	28	28	28	28	28	28	28	29	29	29	29	29	
MAX	355	355	335	355	350	350	355	330	345	320	350	345	

LOS ANGELES ATMOSPHERIC REACTION STUDY - SRL/BBN

WIND DIRECTION / HALF HOUR AVERAGE / IN DEG TRUE

EL MONTE STATION

DAY	HOUR (PST)												10/68
	12	13	14	15	16	17							
1	10	35	310	5	245	235	240	245	250	250	260	260	
2	270	250	255	230	240	260	250	240	240	240	240	240	255
3	190	100	170	275	280	320	275	15	340	10	105	110	
4	210	225	250	280	245	225	250		260	250	245	245	
5	225	220	250	260	230	225	235	230	240	235	225	225	
6	230	265	240	215	230	250	310	320	255	265	270	260	
7	80	50	40	35	230	225	225	230	230	230	250	250	
8	260	175	230	225	225	240	235	245	240	230	230	230	
9	210	225	220	205	215	165	235	230	235	230	225	220	
10	310	160	235	260	320	225	230	225	200	200	245	250	
11	240	285	355	5	10		210	205	200	200	205	225	
12	200	210	220	195	215	220	225	225	215	235	235	220	
13	180	225	230	215	225	235	230	240	245	245	235	240	
14	100	90	130	105	235	210	285	250	225	225	225	220	
15	215	200	180	280	180	170	190	190	205	200	200	95	
16	210	240	245	250	95	260	250	240	245	245	250	205	
17	295	265	280	290	270	280	290	260	260	270	260	255	
18	245	235	240	210	215	210	205	210	225	210	210	210	
19													
20	225	225	230	220	225	220				230	215	225	
21	235	235	235	230	225	240	235	230	225	230	230	230	
22	215	225	220	230	240	245	230	240	225	255			
23	255	240	255	250	245	220	230	240	230	200	205	200	
24	305	255	225	255	265	250	255	250	245	225	220	210	
25	225	220	225	220	225	225	225	230	225	225	220	215	
26	220	220	220	225	225	230	230	220	215	220	225	225	
27	220	225	225	220	225	235	225	220	220	220	205	195	
28	215	225	215	225	220	215	210	230	225	225	210	215	
29	240	245	230	235	230	230	220	220	210	215	240	245	
30	200	200	195	215	205	195	195	200	200	195	195	190	
31	80	355	255	275	220	255	95	115	110	125	220	230	
AVE	210	211	227	211	222	232	232	221	229	218	224	219	
N	30	30	30	30	30	29	29	28	29	30	29	29	
MAX	310	355	355	290	320	320	310	320	340	270	270	260	

LOS ANGELES ATMOSPHERIC REACTION STUDY - SFL/BBN

WIND DIRECTION / HALF HOUR AVERAGE / IN DEG TRUE

EL MONTE STATION

DAY	HOUR (PST)												10/68		
	18	19	20	21	22	23							AVE	N	MAX
1	270	270	275	270	285	275	140	150	185	185	125	20	209.2	48	345
2	245	245	215	205	235	185	175	15	5	260	235	90	154.4	48	320
3	320	320	250	245	245	250	245	225	200	40	10	30	177.5	48	345
4	245	250	240	245	245	225	200	175	355	55	30	25	181.0	47	355
5	230	210	210	215	205	205	200	185	200	210	210	260	178.0	48	335
6	245	230	220	195	230	230	240	255	260	230	230	210	181.1	48	355
7	255	250	255	255	240	225	220	230					176.4	44	355
8	235	225	230	240	220	230	220	200	155	35	50	100	188.5	33	260
9	230	230	230	265	160	130	110	105	115	70	70	145	173.9	48	355
10	245	245	250	240	200	185	195	215	20	25	85	85	168.5	48	350
11	225	230	245	260	240	155	115	50	90	50	10	20	129.4	47	355
12	230	240	210	185	205	205	230	200	130	55	40	20	135.7	48	355
13	240	210	195	195	195	170	190	215	220	225	275	180	171.5	48	355
14	255	255	240	215	220	225	240	205	210	200	170	20	155.3	48	245
15	75	75	100	105	55	60	265	80	65	45	290	80	147.6	48	350
16	90	90	35	310	35	325	15	15	100	285	20	325	129.6	48	335
17	230	160	65	70	35	45	15	15	35	30	35	35	136.7	48	335
18	220	215	240	220	240	240	235	225	265	215	335	310	150.1	48	355
19													67.1	12	320
20	215	215	220	205	205	180	120	55	80	205	5	40	185.0	26	240
21	215	210	210	150	125	85	75	355	240	25	60	55	153.0	29	355
22													145.5	23	320
23	195	110	5	15	160	240	210	210	75	15	35	310	147.7	48	355
24	185	20	70	285	185	50	50	45	70	40	55	20	141.4	48	320
25	215	210	220	225	230	220	185	150	210	235	225	235	160.4	48	355
26	205	190	175	175	200	160	135	135	85	40	35	40	172.2	48	345
27	225	205	215	240	255	30	160	180	190	265	50	75	163.5	48	350
28	215	210	200	210	220	230	215	160	175	70	185	240	207.8	48	355
29	255	250	260	120	95	250	205	245	235	200	160	140	196.8	48	350
30	210	230	215	110	175	75	70	70	55	65	35	50	137.2	48	355
31	195	200	210	210	215	215	215	180	195	140	65	110	124.0	48	255
AVE	221	207	197	201	189	182	167	158	155	123	113	114			
N	29	29	29	30	30	30	30	30	29	29	29	29			
MAX	320	320	275	310	285	325	265	355	355	285	335	335			

LOS ANGELES ATMOSPHERIC REACTION STUDY - SRL/BBN

WIND DIRECTION / HALF HOUR AVERAGE / IN DEG TRUE

EL MONTE STATION

DAY	HOUR (PST)												11/68
	0		1		2		3		4		5		
1	130	295	45	95	100	65	35	40	110	55	95	0	
2	55	40	85	80	25	15	10	45	15	50	60	15	
3	330	355	80	355	150	95	55	105	20	35	10	345	
4	115	65	190	235	40	20	15	205	245	345	230	190	
5	80	70	20	10	25	50	110	50	20	35	20	20	
6	10	105	65	15	335	115	40	30	35	35	50	25	
7	0	100	105	330	275	85	70	80	35	15	10	55	
8	355	340	10	50	335	90	35	320	30	10	50	75	
9	45	40	45	55	20	30	10	10	10	45	30	50	
10	60	135	25	20	15	30	50	20	100	25	30	10	
11	320	290	55	65	100	25	30	5	25	20	20	10	
12	310	110	80	70	10	250	210	135	75	80	5	190	
13	25	320	355	85	190	285	15	60	10	260	0	105	
14	340	50	15	5	35	65	20	15	45	50	25	65	
15	40	60	75	95	75	70							
AVE	148	158	83	104	115	86	50	80	55	76	45	83	
N	15	15	15	15	15	15	14	14	14	14	14	14	
MAX	355	355	355	355	335	285	210	320	245	345	230	345	

LOS ANGELES ATMOSPHERIC REACTION STUDY - SRL/BBN

WIND DIRECTION / HALF HOUR AVERAGE / IN DEG TRUE

EL MONTE STATION

DAY	HOUR (PST)												11/68
	6		7		8		9		10		11		
1	275	40	55	205	230	295	330	325	220	65	285	265	
2	40	35	35	150	355	55	330	180	300	305	230	265	
3	320	30	55	70	105	5	320	0	205	55	220	220	
4	5	105	320	300	35	35	355	245	300	260	220	230	
5	50	70	40	15	340	80	10	295	255	275	15	265	
6	10	65	70	355	70	80	35	55	345	225	235	195	
7	35	20	5	350	340	215	90	240	235	295	85	280	
8	55	15	25	10	350		0	5	5	270	265	255	
9	25	55	65	0	210	225	350	140	280	295	210	10	
10	15	0	20	85	85	5	250	245	215	220	215	225	
11	30	340	30	30	70	75	60	165	230	220	215	225	
12	115					100	145	300	150	140	235	295	
13	285	350	30	0	50	0	20	350	260	255	215	235	
14	5	60	40	5	355	235	50	350	250	245	225	235	
15													
AVE	90	91	61	121	200	108	167	207	232	223	205	229	
N	14	13	13	13	13	13	14	14	14	14	14	14	
MAX	320	350	320	355	355	295	355	350	345	305	285	295	

LOS ANGELES ATMOSPHERIC REACTION STUDY - SRL/BBN

WIND DIRECTION / HALF HOUR AVERAGE / IN DEG TRUE

EL MONTE STATION

DAY	HOUR (PST)												11/68
	12	13	14	15	16	17							
1	240	255	240	250	250	240	240	230	230		240	225	
2	235	271	240	200	240	215	215	220	225	225	225	220	
3	235	235	230	200	235	240	230	215	230	235	240	245	
4	225	220	220	225	220	240	235	235	240	255	245	240	
5	235	210	265	200	220	205	220	220	235	245	255	245	
6	205	20	270	285	260	220	235	220	260	235	215	205	
7	230	260	265	295	230	240	215	205	210	210	215	205	
8	245	220	220	235	235	230	250	210		220	155	130	
9	245	215	225	225	235	225	230	230	215	205	225	215	
10	250	250	255	290	260	245	235	210	220	205	215	230	
11	215	225	220	205	200	220	205	200	195	215	220	210	
12	190	215	215	190	205	220	210	210	205	195	200	200	
13	215	230	220	190	210	195	200	185	180	185	150	120	
14	240	215	235	220	220	215	215	200	200	200	200	200	
15													
AVE	229	217	237	229	230	225	224	214	219	218	214	206	
N	14	14	14	14	14	14	14	14	13	13	14	14	
MAX	250	271	270	295	260	245	250	235	260	255	255	245	

LOS ANGELES ATMOSPHERIC REACTION STUDY - SRL/BBN

WIND DIRECTION / HALF HOUR AVERAGE / IN DEG TRUE

EL MONTE STATION

DAY	HOUR (PST)												11/68		
	18	19	20	21	22	23							AVE	N	MAX
1	240	250	270	330	105	205	355	245	55	25	355	30	186.4	47	355
2	220	225	230	185	155	130	60	50	355	45	50	45	151.2	48	355
3	240	225	230	300	55	175	140	120	120	45	35	25	167.1	48	355
4	235	240	215	190	205	210	200	170	5	25	5	30	184.1	48	355
5	245	215	195	165	110	55	75	75	155	5	75	40	133.0	48	340
6	210	185	200	55	325	355	120	65	5	0	65	105	144.2	48	355
7	200	220	255	110	40	320	60	355	80	60	65	40	165.3	48	355
8	110	45	310	280	80	350	320	355	50	50	25	20	158.7	46	355
9	230	235	340	235	70	275	355	105	25	270	20	10	148.2	48	355
10	190	240	55	70	55	40	205	20	50	240	255	290	139.1	48	290
11	25	195	290	275	220	190	210	205	190	200	215	210	158.5	48	340
12	210	220	210	215	205	195	185	190	165	140	90	30	170.8	44	310
13	95	100	40	40	5	130	115	60	30	10	155	75	143.6	48	355
14	190	180	135	80	105	70	65	110	200	225	295	320	152.5	48	355
15													69.2	6	95
AVE	189	198	213	181	124	193	176	152	106	96	122	91			
N	14	14	14	14	14	14	14	14	14	14	14	14			
MAX	245	250	340	330	325	355	355	355	355	270	355	320			

LOS ANGELES ATMOSPHERIC REACTION STUDY - SRL/BBN

TEMPERATURE / HOUR AVERAGE / IN DEG F

FL MONTE STATION

DAY	HOUR (PST)											9/68
	0	1	2	3	4	5	6	7	8	9	10	11
1												
2												
3												
4												
5												
6												
7												
8												
9												
10												
11												
12												
13												
14												
15												
16												
17												
18												
19												
20												
21												
22												
23												
24												
25												
26												
27												
28	62	62	62	62	62	62	62	62	63	64	66	69
29	64	64	64	64	64	63	63	63	64	65	66	67
30	60	60	60	59	60	60	61	61	63	64	65	66
AVE	62	62	62	62	62	62	62	62	63	64	66	67
Δ	3	3	3	3	3	3	3	3	3	3	3	3
MAX	64	64	64	64	64	63	63	63	64	65	66	69

LOS ANGELES ATMOSPHERIC REACTION STUDY - SRL/BBN

TEMPERATURE / HOUR AVERAGE / IN DEG F

EL MONTE STATION

DAY	HOUR (PST)												9/68		
	12	13	14	15	16	17	18	19	20	21	22	23	AVE	N	MAX
1															
2															
3															
4															
5															
6															
7															
8															
9															
10															
11															
12															
13															
14															
15															
16															
17															
18															
19															
20															
21															
22															
23															
24															
25															
26															
27					79	74	68	66	64	63	62	61	67.1	8	79
28	73	76	78	75	72	68	65	64	64	64	64	64	66.0	24	78
29	70	72	72	74	73	71	67	65	64	63	62	61	66.0	24	74
30	67	69	70	70	70	70	69	68	67	66	66	66	64.9	24	71
AVE	70	72	73	73	73	71	67	66	65	64	63	63			
N	3	3	3	3	4	4	4	4	4	4	4	4			
MAX	73	76	78	75	79	74	69	68	67	66	66	66			

LOS ANGELES ATMOSPHERIC REACTION STUDY - SRL/BBN

TEMPERATURE / HOUR AVERAGE / IN DEG F

EL MONTE STATION

DAY	HOUR (PST)											10/68
	0	1	2	3	4	5	6	7	8	9	10	11
1	65	65	65	64	64	64	64	64	64	65	66	65
2	63	61	59	58	58	57	56	55	55	59	63	65
3	61	61	61	61	62	61	60	60	61	62	64	65
4	60	60	60	60	59	60	61	61	61	62	62	62
5	55	54	54	53	52	52	52	56	62	66	72	75
6	58	59	60	60	60	60	60	60	61	62	63	64
7	63	63	63	62	62	61	61	62	65	67	68	70
8	60	60	59	58	58	57	58	63	68	70	73	75
9	56	55	55	55	56	56	58	62	68	70	74	75
10	57	57	57	56	56	57	58	60	61	62	63	64
11	54	54	54	54	54	55	57	58	60	62	63	64
12	57	58	59	60	60	59	59	60	67	68	70	73
13	56	55	54	53	52	52	52	57	60	68	73	76
14	64	64	63	63	62	62	61	61	62	64	65	65
15	59	60	59	58	56	55	54	54	60	66	72	74
16	54	53	52	51	50	50	49	54	64	72	80	83
17	57	55	55	53	54	52	52	56	70	78	84	87
18	58	57	55	54	53	52	52	56	68	75	80	85
19	60	58	55	54	52	51	51	58	67	72	78	81
20	58	58	57	57	56	56	56	57	58	66	72	74
21	55	54	53	52	51	51	50	54	60	68	72	76
22	56	55	54	53	52	52	51	51	60	70	78	88
23	56	55	54	53	52	50	50	52	61	72	81	90
24	59	57	56	56	54	54	54	56	70	80	86	94
25	60	58	57	55	55	55	55	56	64	74	80	88
26	58	57	56	56	56	55	56	62	70	78	82	85
27	56	56	55	54	52	51	50	54	62	70	77	82
28	55	55	54	56	55	55	55	56	56	57	64	70
29	56	56	55	55	55	55	55	56	62	64	68	72
30	60	60	60	60	60	60	60	62	62	67	69	71
31	51	50	50	49	49	50	52	57	60	60	62	64
AVE	58	57	57	56	56	55	55	58	63	68	72	75
N	31	31	31	31	31	31	31	31	31	31	31	31
MAX	65	65	65	64	64	64	64	64	70	80	86	94

LOS ANGELES ATMOSPHERIC REACTION STUDY - SRL/BBN

TEMPERATURE / HOUR AVERAGE / IN DEG F

EL MONTE STATION

DAY	HOUR (PST)												10/68		
	12	13	14	15	16	17	18	19	20	21	22	23	AVE	N	MAX
1	68	68	68	70	70	68	68	67	67	66	65	63	66.0	24	70
2	72	74	75	76	75	74	71	68	65	64	64	63	64.6	24	76
3	68	72	70	70	70	67	65	65	65	63	66	61	64.2	24	72
4	65	68	68	70	69	66	63	62	60	59	57	56	62.1	24	70
5	78	80	78	75	71	68	65	62	61	60	59	58	63.2	24	80
6	65	66	69	69	68	67	64	62	62	62	62	62	62.7	24	69
7	69	70	68	68	67	66	65	64	64	63	62	60	64.7	24	70
8	76	75	72	70	67	65	63	62	60	59	58	57	64.3	24	76
9	74	73	75	70	66	64	61	60	60	59	59	57	63.2	24	75
10	69	71	72	71	68	64	62	60	59	58	56	55	61.4	24	72
11	70	72	73	72	72	69	65	63	62	60	59	57	61.8	24	73
12	75	78	75	72	69	65	63	62	60	59	57	56	64.2	24	78
13	78	77	74	70	68	66	65	65	65	64	64	64	63.7	24	78
14	66	69	70	72	70	68	67	66	64	62	61	60	64.6	24	72
15	77	79	80	81	78	75	70	66	63	60	58	57	65.5	24	81
16	87	90	90	88	85	81	75	69	68	63	61	59	67.8	24	90
17	88	91	92	91	88	83	76	70	67	64	62	60	70.2	24	92
18	87	86	84	80	78	74	70	68	67	65	63	62	67.9	24	87
19	83	84	82	78	74	70	67	64	62	61	59	58	65.8	24	84
20	77	78	77	76	73	69	65	62	61	59	58	56	64.0	24	78
21	78	80	82	78	74	70	66	64	62	61	60	58	63.7	24	82
22	87	88	88	86	82	76	70	66	64	61	59	58	66.9	24	88
23	95	98	97	95	95	88	78	72	68	64	63	60	70.8	24	98
24	95	100	100	97	92	85	78	72	69	65	63	61	73.0	24	100
25	93	90	90	85	84	76	72	68	64	62	58	58	69.0	24	93
26	85	84	79	74	70	66	64	62	60	58	57	57	66.1	24	85
27	83	85	85	81	76	71	67	64	62	61	60	58	65.5	24	85
28	74	77	77	76	70	64	60	59	57	56	55	55	61.2	24	77
29	69	68	70	68	62	62	62	61	60	60	60	60	61.3	24	72
30	70	69	68	67	63	61	60	58	57	56	54	53	62.0	24	71
31	64	66	67	64	62	61	60	59	59	58	58	58	57.9	24	67
AVE	77	78	78	76	73	70	67	64	63	61	60	59			
N	31	31	31	31	31	31	31	31	31	31	31	31			
MAX	95	100	100	97	95	88	78	72	69	66	66	64			

LOS ANGELES ATMOSPHERIC REACTION STUDY - SRL/BBN

TEMPERATURE / HOUR AVERAGE / IN DEG F

EL MONTE STATION

DAY	HOUR (PST)											11/68
	0	1	2	3	4	5	6	7	8	9	10	11
1	55	57	56	56	55	55	56	58	62	64	67	68
2	50	50	49	48	48	48	53	58	66	67	71	74
3	54	53	52	52	50	50	55	60	66	68	70	70
4	58	58	59	58	58	58	60	60	65	68	71	70
5	52	51	50	49	48	47	48	54	62	66	69	70
6	49	48	47	46	46	50	58	62	66	72	75	79
7	55	53	52	51	50	56	64	68	71	74	76	75
8	51	51	50	50	50	56	66	73	77	80	82	82
9	51	51	50	48	52	60	70	75	80	82	84	84
10	52	52	50	50	51	59	66	74	81	84	88	88
11	54	52	52	52	52	60	70	72	74	78	78	77
12	56	55	56	57	57	57	58	62	64	64	66	67
13	52	51	51	52	52	52	53	56	60	65	66	68
14	44	44	42	41	41	40	46	54	60	64	64	65
15	51	50	49	49	48	48	48	48	49	50	53	
AVE	52	52	51	51	51	53	58	62	67	70	72	74
N	15	15	15	15	15	15	15	15	15	15	15	14
MAX	58	58	59	58	58	60	70	76	81	84	88	88

LOS ANGELES ATMOSPHERIC REACTION STUDY - SRL/BBN

TEMPERATURE / HOUR AVERAGE / IN DEG F

EL MONTE STATION

DAY	HOUR (PST)												11/68		
	12	13	14	15	16	17	18	19	20	21	22	23	AVE	N	MAX
1	70	69	68	66	62	60	59	57	55	54	52	51	59.8	24	70
2	75	75	73	67	64	62	60	58	57	56	56	56	60.0	24	75
3	70	68	67	64	61	61	61	60	59	58	58	53	60.2	24	70
4	71	70	69	68	66	64	62	60	58	57	55	53	62.3	24	71
5	72	72	72	69	65	63	60	59	55	54	53	51	58.8	24	72
6	80	75	70	65	62	60	58	56	56	57	57	56	60.4	24	80
7	75	74	70	66	63	61	59	58	56	54	53	52	61.9	24	76
8	83	81	73	69	64	62	59	57	55	54	53	52	63.8	24	83
9	83	80	74	67	64	62	59	57	55	54	52	52	64.5	24	84
10	90	87	80	74	68	65	63	62	62	60	58	56	67.5	24	90
11	78	77	73	70	66	64	64	61	60	59	58	56	64.9	24	78
12	67	66	65	64	62	62	60	60	59	58	56	54	60.5	24	67
13	69	69	67	64	61	58	55	53	50	49	47	46	57.0	24	69
14	66	66	64	62	60	59	59	58	58	55	54	52	55.0	24	66
15													49.4	11	53
AVE	75	73	70	67	63	62	60	58	57	56	54	53			
N	14	14	14	14	14	14	14	14	14	14	14	14			
MAX	90	87	80	74	68	65	64	62	62	60	58	58			

LOS ANGELES ATMOSPHERIC REACTION STUDY - SRL/BRN

RELATIVE HUMIDITY / HOUR AVERAGE / IN PER CENT

EL MONTE STATION

DAY	HOUR (PST)											9/68
	0	1	2	3	4	5	6	7	8	9	10	11
1												
2												
3												
4												
5												
6												
7												
8												
9												
10												
11												
12												
13												
14												
15												
16												
17												
18												
19												
20												
21												
22												
23												
24												
25												
26												
27												
28	96	96	96	96	96	96	96	96	95	90	85	75
29	90	91	92	92	92	96	96	96	96	93	85	79
30	96	96	96	96	96	96	96	96	96	92	88	80
AVE	94	94	95	95	95	96	96	96	96	92	86	78
N	3	3	3	3	3	3	3	3	3	3	3	3
MAX	96	96	96	96	96	96	96	96	96	93	88	80

LOS ANGELES ATMOSPHERIC REACTION STUDY - SKL/HRN

RELATIVE HUMIDITY / HOUR AVERAGE / IN PER CENT

EL MONTE STATION

DAY	HOUR (PST)												9/68		
	12	13	14	15	16	17	18	19	20	21	22	23	AVE	N	MAX
1															
2															
3															
4															
5															
6															
7															
8															
9															
10															
11															
12															
13															
14															
15															
16															
17															
18															
19															
20															
21															
22															
23															
24															
25															
26															
27					48	58	70	90	96	96	96	96	81.3	8	96
28	60	54	46	54	60	70	80	86	88	86	86	88	82.1	24	96
29	68	58	58	54	60	72	78	88	94	96	96	96	84.1	24	96
30	77	72	64	64	65	70	72	77	76	76	76	77	82.0	24	96
AVE	68	61	56	57	58	68	75	85	88	88	88	89			
N	3	3	3	3	4	4	4	4	4	4	4	4			
MAX	77	72	64	64	65	72	80	90	96	96	96	96			

LOS ANGELES ATMOSPHERIC REACTION STUDY - SRL/BBN

RELATIVE HUMIDITY / HOUR AVERAGE / IN PER CENT

EL MONTE STATION

DAY	HOUR (PST)											10/68
	0	1	2	3	4	5	6	7	8	9	10	11
1	78	78	80	90	94	98	98	97	96	84	86	80
2	90	98	98	98	98	98	98	98	98	98	77	60
3	97	97	97	97	97	97	97	97	97	97	97	97
4	96	96	96	96	96	96	96	96	96	96	96	96
5	95	95	95	95	95	95	95	96	96	80	65	57
6	96	96	96	96	96	96	96	96	96	94	93	92
7	96	96	96	96	96	97	97	97	90	77	70	68
8	78	85	95	95	95	95	95	95	95	95	70	58
9	95	95	95	95	95	95	95	95	90	80	58	52
10	96	96	96	96	96	96	96	96	92	89	83	79
11	94	94	94	94	94	94	94	94	94	87	82	76
12	97	97	97	97	97	80	74	74	60	60	60	52
13	97	97	97	97	97	97	97	97	90	74	56	48
14	98	98	98	98	98	98	98	98	98	92	86	80
15	98	98	98	98	98	98	98	98	90	80	60	51
16	98	98	98	98	98	95	97	92	54	38	24	18
17	72	80	81	88	78	80	86	76	50	33	24	18
18	80	86	88	84	82	87	83	81	62	34	25	20
19	96	96	96	96	96	96	96	85	60	50	35	32
20	97	97	97	97	97	97	98	98	98	88	62	51
21	98	98	98	98	98	98	98	98	90	73	50	54
22	97	97	97	97	97	97	97	97	97	84	50	35
23	97	97	97	98	98	98	98	92	70	50	30	20
24	82	84	85	74	78	78	82	72	58	30	22	15
25	82	86	93	88	86	86	84	76	46	30	25	20
26	96	96	96	96	96	96	96	96	96	68	44	27
27	96	96	96	96	96	96	96	96	96	70	50	38
28	97	97	97	97	97	98	98	98	98	98	97	81
29	96	96	96	96	96	96	96	96	96	90	78	60
30	96	96	96	96	96	96	96	96	96	96	96	80
31	96	96	96	96	96	96	96	96	96	94	88	82
AVE	93	94	95	95	94	94	94	93	85	74	63	55
N	31	31	31	31	31	31	31	31	31	31	31	31
AX	98	98	98	98	98	98	98	98	98	98	97	97

LOS ANGELES ATMOSPHERIC REACTION STUDY - SRL/BRN

RELATIVE HUMIDITY / HOUR AVERAGE / IN PER CENT

EL MONTE STATION

DAY	HOUR (PST)												10/68		
	12	13	14	15	16	17	18	19	20	21	22	23	AVE	N	MAX
1	74	74	73	70	66	72	74	74	74	75	78	86	81.2	24	98
2	55	53	50	56	56	58	70	78	87	95	97	97	81.7	24	98
3	88	78	64	60	61	60	82	96	96	96	96	96	89.0	24	97
4	92	76	73	70	70	70	80	86	95	95	95	95	89.5	24	96
5	50	45	42	52	58	73	90	95	96	96	96	96	81.2	24	96
6	90	86	70	68	68	70	84	96	96	96	96	96	90.0	24	96
7	66	66	60	55	60	66	68	70	68	70	72	75	77.9	24	97
8	46	42	42	44	50	55	60	72	84	95	95	95	76.3	24	95
9	49	51	54	56	60	82	86	96	96	96	96	96	81.6	24	96
10	70	58	54	54	58	74	86	94	94	94	94	94	84.8	24	96
11	64	54	48	50	58	60	80	93	97	97	97	97	82.7	24	97
12	46	42	38	48	58	70	81	88	94	97	97	97	75.0	24	97
13	46	44	54	66	74	83	90	96	98	98	98	98	82.9	24	98
14	90	86	73	66	65	74	82	90	98	98	98	98	89.9	24	98
15	34	28	24	22	28	35	47	58	60	70	82	93	68.6	24	98
16	15	13	10	12	13	18	22	38	42	54	58	67	52.9	24	98
17	17	15	15	14	17	20	26	35	50	60	70	74	49.1	24	88
18	19	25	20	26	34	34	48	60	80	96	96	96	60.2	24	96
19	29	25	29	50	60	65	64	92	97	97	97	97	72.3	24	97
20	43	40	40	42	42	49	66	82	98	98	98	98	78.0	24	98
21	54	54	50	42	32	32	34	48	60	74	88	95	71.4	24	98
22	24	18	24	25	26	29	32	45	50	74	90	97	66.1	24	97
23	12	10	8	16	15	18	25	40	50	66	80	85	57.1	24	98
24	12	10	10	14	15	26	35	47	60	68	78	78	50.5	24	85
25	22	22	43	40	42	46	60	72	96	96	96	96	63.9	24	96
26	24	24	30	42	53	66	80	96	96	96	96	96	75.1	24	96
27	40	35	36	36	41	53	72	85	96	96	96	97	75.2	24	97
28	60	47	41	45	63	84	96	96	96	96	96	96	86.2	24	98
29	50	60	70	63	60	78	96	96	96	96	96	96	85.4	24	96
30	65	60	66	64	60	66	78	96	96	96	96	96	86.5	24	96
31	76	71	67	58	58	70	75	96	96	96	96	96	86.8	24	96
AVE	49	46	44	46	49	57	67	78	84	88	91	92			
N	31	31	31	31	31	31	31	31	31	31	31	31			
MAX	92	86	73	70	74	84	96	96	98	98	98	98			

LOS ANGELES ATMOSPHERIC REACTION STUDY - SRL/BBN

RELATIVE HUMIDITY / HOUR AVERAGE / IN PER CENT

EL MONTE STATION

DAY	HOUR (PST)											11/68
	0	1	2	3	4	5	6	7	8	9	10	11
1	96	96	96	96	96	96	96	96	96	80	74	58
2	97	97	97	97	97	97	97	97	90	70	61	48
3	97	97	97	97	97	97	97	97	90	70	65	60
4	98	98	98	98	98	98	98	98	98	98	82	67
5	98	98	98	98	98	98	98	82	70	56	53	51
6	98	98	98	98	98	98	98	82	56	50	40	30
7	97	97	97	97	97	97	92	70	60	50	39	35
8	97	97	97	97	97	97	85	60	36	27	23	19
9	97	97	92	96	97	96	70	40	32	25	23	22
10	97	97	97	97	97	97	88	60	47	36	30	29
11	98	98	98	98	98	98	80	50	35	40	36	32
12	96	96	96	96	96	96	96	96	94	81	79	75
13	96	96	96	96	96	96	96	96	96	80	62	60
14	95	96	96	96	96	96	96	96	73	50	50	63
15	95	96	96	96	96	96	96	96	96	96	96	96
AVE	97	97	97	97	97	97	92	81	71	61	54	50
N	15	15	15	15	15	15	15	15	15	15	15	15
MAX	98	98	98	98	98	98	98	98	98	98	96	96

LOS ANGELES ATMOSPHERIC REACTION STUDY - SRL/RRR

RELATIVE HUMIDITY / HOUR AVERAGE / IN PER CENT

EL MONTE STATION

DAY	HOUR (PST)												11/68		
	12	13	14	15	16	17	18	19	20	21	22	23	AVE	N	MAX
1	50	45	46	49	60	70	75	80	94	97	97	97	80.7	24	97
2	43	43	41	46	60	80	90	95	97	97	97	97	80.5	24	97
3	60	61	66	74	88	97	97	97	97	98	98	98	87.2	24	98
4	58	62	65	70	74	81	92	98	98	98	98	98	88.4	24	98
5	49	50	58	60	68	80	95	98	98	98	98	98	81.2	24	98
6	24	38	47	60	76	85	97	97	97	97	97	97	77.3	24	98
7	44	45	54	66	88	97	97	97	97	97	97	97	79.3	24	97
8	19	19	19	25	34	46	56	66	80	90	97	97	61.5	24	97
9	22	23	25	25	48	68	77	90	97	97	97	97	65.1	24	97
10	26	24	25	38	50	66	84	92	94	86	88	98	68.5	24	98
11	34	36	38	35	38	44	50	54	60	72	96	96	62.1	24	96
12	69	65	70	71	76	82	96	96	96	96	96	96	87.7	24	96
13	52	41	40	37	45	58	68	78	90	95	95	95	77.5	24	96
14	56	49	48	48	50	60	75	84	84	95	95	95	76.7	24	96
15													95.9	12	96
AVE	43	43	46	51	61	72	82	87	91	94	96	97			
N	14	14	14	14	14	14	14	14	14	14	14	14			
MAX	69	65	70	74	88	97	97	98	98	98	98	98			

SECTION 3

AIRBORNE MEASUREMENTS

Definition of Sample Location Codes

<u>Location Code</u>	<u>Definition</u>	<u>Location</u>
ECM	Evergreen Cemetery	(5 mi N of HPK)
EGP	El Monte Gravel Pit	(3¼ mi NE of ELM)
ELM	El Monte Airport	
HPK	Huntington Park	
OCA	Orange City Airport	
SCI	Santa Catalina Island	
SFD	Santa Fe Dam	(4 mi NE of ELM)
STA	Stadium Intersection	(0.7 mi SE of Coliseum 6 mi NW of HPK)

Airborne Sample - Analysis Index

Date 1968	Time	Altitude	Location	Analysis (Page No.)		
				CO	C ₁ to C ₄	C ₅ to C ₁₀
9/27	0816	2500	HPK	360	---	---
9/27	0842	4000	ELM	360	---	---
9/27	0845	2800	ELM	360	---	---
9/27	0933	1000	ELM	360	---	---
10/8	1210	2000	HPK	---	362	364
10/8	1218	4000	HPK	---	362	365
10/8	1236	5500	HPK	---	362	366
10/8	1307	5500	ELM	360	---	367
10/8	1325	4000	ELM	360	---	368
10/8	1352	1200	ELM	360	---	369
10/9	1224	2700	ELM	360	---	370
10/9	1237	2400	ELM	---	---	371
10/17	0726	1500	HPK	360	362	372
10/17	0758	3000	STA	360	362	373
10/17	0927	3000	EGP	360	362	374
10/17	0947	1300	EGP	360	362	375
10/18	0735	1500	STA	360	362	---
10/18	0752	3000	HPK	360	362	376
10/18	0811	5000	STA	360	362	377
10/18	0821	5000	ELM	360	362	378
10/18	0832	1300	ELM	---	362	379
10/18	0852	3000	ELM	360	362	380
10/21	1310	2000	HPK	---	362	381
10/21	1330	1500	HPK	---	362	382
10/21	1445	1000	EGP	360	362	383
10/21	1510	3300	EGP	360	362	384
10/22	0743	1500	HPK	360	362	385
10/22	0807	2200	HPK	360	362	386
10/22	0850	1300	EGP	360	362	387
10/22	1310	1500	STA	360	362	388
10/22	1350	1300	EGP	360	362	389
10/22	1415	1600	EGP	360	362	390
10/23	0749	1500	STA	360	362	391
10/23	0819	2200	STA	360	---	---
10/23	0845	1300	EGP	360	362	392
10/23	0914	2200	EGP	360	362	393
10/23	1305	1450	ECM	---	362	394
10/23	1401	1500	SFD	360	363	395
10/23	1405	1400	ELM	360	363	396
10/23	1429	1500	EGP	360	---	---

Airborne Sample - Analysis Index

Date 1968	Time	Altitude	Location	Analysis (Page No.)		
				CO	C ₁ to C ₄	C ₅ to C ₁₀
10/24	0818	1500	STA	360	363	397
10/24	0843	1500	HPK	360	363	398
10/24	0902	1300	EGP	360	363	399
10/23	1241	1500	STA	360	363	400
10/25	0840	2600	STA	---	363	401
10/25	0849	1500	STA	361	363	402
10/25	0927	1000	ELM	361	363	403
10/25	1020	1000	SCI	---	363	404
10/25	1020	500	SCI	361	363	405
10/25	1104	1300	OCA	---	363	406
10/25	1417	1700	STA	---	363	407
10/25	1459	1400	EGP	361	363	408
10/25	1518	1800	EGP	361	363	409
10/28	0926	2200	STA	---	363	410
10/28	0950	1200	ELM	361	363	411
10/28	0952	1600	ELM	361	363	412
10/28	1435	1500	STA	---	363	413
10/28	1527	1500	ELM	361	363	414
11/1	1355	1500	STA	361	363	415
11/1	1435	1500	EGP	361	363	416
11/6	1410	1500	STA	---	363	417
11/6	1513	1500	SFD	361	363	418
11/6	1516	1400	SFD	361	363	419
11/8	1327	1500	STA	---	363	420
11/8	1342	1300	EGP	361	---	---

Carbon Monoxide in Airborne Samples

<u>Date</u> 1968	<u>Time</u> PST	<u>Altitude</u> Feet	<u>Location</u>	<u>Carbon</u> <u>Monoxide</u> (ppm)
9/27	0816	2500	HPK	1.1
9/27	0842	4000	ELM	1.1
9/27	0845	2800	ELM	<0.5
9/27	0933	1000	ELM	5.1
10/8	1307	5500	ELM	<0.5
10/8	1325	4000	ELM	1.4
10/8	1352	1200	ELM	1.0
10/9	1224	2700	ELM	<0.5
10/17	0726	1500	HPK	<0.5
10/17	0758	3000	STA	<0.5
10/17	0927	3000	EGP	<0.5
10/17	0947	1300	EGP	<0.5
10/18	0735	1500	STA	<0.5
10/18	0752	3000	HPK	<0.5
10/18	0811	5000	STA	1.7
10/18	0821	5000	ELM	<0.5
10/18	0852	3000	ELM	<0.5
10/21	1445	1000	EGP	4.0
10/21	1510	3300	EGP	<0.5
10/22	0743	1500	HPK	<0.5
10/22	0807	2200	HPK	<0.5
10/22	0850	1300	EGP	<0.5
10/22	1310	1500	STA	<0.5
10/22	1350	1300	EGP	5.2
10/22	1415	1600	EGP	<0.5
10/23	0749	1500	STA	<0.5
10/23	0819	2200	STA	1.4
10/23	0845	1300	EGP	<0.5
10/23	0914	2200	EGP	<0.5
10/23	1401	1500	SFD	2.5
10/23	1405	1400	ELM	3.2
10/23	1429	1500	EGP	4.6
10/24	0818	1500	STA	<0.5
10/24	0843	1500	HPK	<0.5
10/24	0902	1300	EGP	<0.5
10/24	1241	1500	STA	<0.5

Carbon Monoxide in Airborne Samples

<u>Date</u> <u>1968</u>	<u>Time</u> <u>PST</u>	<u>Altitude</u> <u>Feet</u>	<u>Location</u>	<u>Carbon</u> <u>Monoxide</u> <u>(ppm)</u>
10/25	0849	1500	STA	<0.5
10/25	0927	1000	ELM	<0.5
10/25	1020	500	SCI	<0.5
10/25	1459	1400	EGP	6.0
10/25	1518	1800	EGP	1.0
10/28	0950	1200	ELM	0.5
10/28	0952	1600	ELM	1.6
10/28	1527	1500	ELM	4.0
11/1	1355	1500	STA	2.3
11/1	1435	1500	EGP	2.7
11/6	1513	1500	SFD	1.0
11/6	1516	1400	SFD	5.7
11/8	1342	1300	EGP	2.4

C₁ to C₄ Hydrocarbons in Airborne Samples

Huntington Park and El Monte, California

Date 1968	Time PST	Alt. Feet	Loc.	Methane ppb	Ethane ppb	Ethylene ppb	Acetylene ppb	Propane ppb	Propylene ppb	Isobutane ppb	Butane ppb	Butenes ppb
10/8	1210	2000	HPK	1630	---	5	8	20	41	8	9	---
10/8	1218	4000	HPK	1670	---	< 3	7	16	38	8	7	---
10/8	1236	5500	HPK	1500	---	31	19	27	79	5	9	---
10/17	0726	1500	HPK	1500	---	< 3	< 3	< 3	---	< 3	13	---
10/17	0758	3000	STA	1420	---	< 3	8	< 3	---	6	9	---
10/17	0927	3000	EGP	1430	---	< 3	< 3	< 3	---	---	---	---
10/17	0947	1300	EGP	1530	---	3	4	6	---	< 3	10	---
10/18	0735	1500	STA	1400	3	< 3	< 3	6	3	< 3	12	---
10/18	0752	3000	HPK	1440	< 3	< 3	7	7	< 3	< 3	---	---
10/18	0811	5000	STA	1450	18	< 3	< 3	11	6	2	5	< 3
10/18	0821	5000	ELM	1080	< 5	---	< 9	---	---	< 3	---	---
10/18	0832	1300	ELM	1710	< 5	< 5	---	---	---	5	10	---
10/18	0852	3000	ELM	2410	28	< 5	---	---	---	---	18	---
10/21	1310	2000	HPK	1530	39	< 3	< 3	10	4	< 3	< 3	< 3
10/21	1330	1500	HPK	3040	131	18	46	62	< 3	12	52	< 3
10/21	1445	1000	EGP	2990	93	8	11	< 4	---	6	58	< 3
10/21	1510	3300	EGP	1680	< 5	---	---	---	---	---	---	---
10/22	0743	1500	HPK	1720	43	< 3	13	13	4	5	8	< 3
10/22	0807	2200	HPK	1610	39	< 3	4	9	8	< 3	3	< 3
10/22	0850	1300	EGP	1960	14	---	---	---	---	---	15	< 3
10/22	1310	1500	STA	1870	49	3	13	14	7	4	13	< 3
10/22	1350	1300	EGP	3420	102	---	---	53	---	< 3	58	< 3
10/22	1415	1600	EGP	2050	23	< 5	---	---	---	---	32	< 3
10/23	0749	1500	STA	1490	29	< 3	11	10	8	< 3	9	< 3
10/23	0845	1300	EGP	1870	14	---	30	---	---	---	---	---
10/23	0914	2200	EGP	1990	14	---	---	---	---	---	---	< 3
10/23	1305	1450	ECM	2650	105	15	57	14	4	13	81	< 3

C₁ to C₄ Hydrocarbons in Airborne Samples
Huntington Park and El Monte, California

Date 1968	Time PST	Alt. Feet	Loc.	Methane ppb	Ethane ppb	Ethylene ppb	Acetylene ppb	Propane ppb	Propylene ppb	Isobutane ppb	Butane ppb	Butenes ppb
10/23	1401	1500	SFD	1840	21	---	< 9	---	---	---	15	---
10/23	1405	1400	ELM	2070	45	---	21	---	---	---	< 3	---
10/24	0818	1500	STA	1500	16	7	12	6	4	< 3	3	6
10/24	0843	1500	HPK	1440	17	< 3	8	7	4	< 3	< 3	4
10/24	0902	1300	EGP	1510	< 5	---	< 9	---	---	---	---	---
10/24	1241	1500	STA	1530	9	---	< 9	---	---	---	---	< 3
10/25	0840	2600	STA	1340	7	3	< 3	6	5	< 3	< 3	< 3
10/25	0849	1500	STA	2040	---	---	---	---	---	---	46	8
10/25	0927	1000	ELM	1430	---	6	< 9	---	---	---	---	---
10/25	1020	1000	SCI	1640	10	5	7	6	3	< 3	5	---
10/25	1020	500	SCI	1670	7	---	< 9	---	---	< 3	15	< 3
10/25	1104	1300	OCA	1650	168	< 3	< 3	18	6	< 3	6	< 3
10/25	1417	1700	STA	1720	< 3	< 3	< 3	11	5	< 3	6	---
10/25	1459	1400	EGP	3130	44	---	27	---	---	6	64	---
10/25	1518	1800	EGP	2140	---	---	16	---	< 4	< 3	12	< 3
10/28	0926	2200	STA	1470	20	< 3	6	6	4	< 3	< 3	5
10/28	0950	1200	ELM	1490	21	< 5	< 9	---	---	---	30	---
10/28	0952	1600	ELM	1910	33	---	< 9	---	---	---	23	< 3
10/28	1435	1500	STA	1920	47	< 3	19	21	4	5	25	3
10/28	1527	1500	ELM	2750	75	---	< 9	---	< 4	29	55	< 3
11/1	1355	1500	STA	1320	69	< 3	6	17	8	5	11	3
11/1	1435	1500	EGP	1700	24	---	< 9	23	---	7	20	< 3
11/6	1410	1500	STA	1920	62	3	25	21	6	4	20	5
11/6	1513	1500	SFD	1550	9	< 5	< 9	< 4	< 4	< 3	8	< 3
11/6	1516	1400	SFD	1750	23	< 5	< 9	14	< 4	< 3	19	< 3
11/8	1327	1500	STA	2530	82	16	25	27	10	6	28	5

SCOTT RESEARCH LABORATORIES, INC.
L.A. BASIN PROJECT CHROMATOGRAM DATA

HUNTINGTON PARK

DATE 10-08
(AIRBORNE... 2000 FEET ALTITUDE)

TIME 1210 PST

PEAK	PPB	PEAK	PPB	PEAK	PPB
1	25.52	37	*****	74	*****
2	*****	38	0.83	75	*****
3	5.00	39	*****	76	*****
4	*****	40	2.84	77	*****
5	*****	41	*****	78	*****
6	*****	42	*****	79	*****
7	2.60	43	*****	80	*****
8	*****	44	3.11	81	*****
9	*****	45	3.54	82	*****
10	*****	46	17.61	83	*****
11	2.82	47	*****	84	*****
12	6.88	48	0.60	85	*****
13	16.26	49	*****	86	*****
14	5.62	50	2.07	87	*****
15	*****	51	*****	88	2.36
16	66.01	52	1.03	89	*****
17	*****	53	1.25	90	*****
18	*****	54	*****	91	*****
19	*****	55	*****	92	*****
20	0.31	56	*****	93	*****
21	4.46	57	*****	94	*****
22	*****	58	*****	95	*****
23	*****	59	*****	96	*****
24	*****	60	*****	97	*****
25	*****	61	3.34	98	*****
26	3.11	62	*****	99	*****
27	2.48	63	*****	100	*****
28	0.32	64	6.02	101	*****
29	*****	65	4.32	102	0.46
30	*****	66	1.95	103	0.46
31	*****	67	*****	104	*****
32	8.96	68	0.47	105	*****
33	12.56	69	*****	106	*****
34	0.44	70	*****	107	*****
35	*****	71	*****	108	*****
36	*****	72	*****	109	*****
		73	*****		

TOTAL CONCENTRATION 217.79

SCOTT RESEARCH LABORATORIES, INC.
L.A. BASIN PROJECT CHROMATOGRAM DATA

HUNTINGTON PARK

DATE 10-08
(AIRBORNE... 4000 FEET ALTITUDE)

TIME 1218 PST

PEAK	PPB	PEAK	PPB	PEAK	PPB
1	12.76	37	*****	74	*****
2	*****	38	*****	75	*****
3	1.70	39	*****	76	*****
4	*****	40	1.82	77	*****
5	*****	41	*****	78	*****
6	*****	42	*****	79	*****
7	0.49	43	*****	80	*****
8	*****	44	2.05	81	*****
9	*****	45	2.14	82	*****
10	*****	46	13.05	83	*****
11	*****	47	*****	84	*****
12	3.26	48	0.26	85	*****
13	8.52	49	*****	86	*****
14	3.62	50	1.54	87	*****
15	*****	51	*****	88	1.62
16	49.14	52	0.73	89	*****
17	*****	53	*****	90	*****
18	*****	54	0.95	91	*****
19	*****	55	*****	92	*****
20	*****	56	*****	93	*****
21	7.38	57	*****	94	*****
22	0.70	58	*****	95	*****
23	0.63	59	*****	96	*****
24	*****	60	0.82	97	*****
25	*****	61	2.48	98	*****
26	2.44	62	*****	99	*****
27	1.60	63	*****	100	*****
28	0.26	64	4.06	101	*****
29	*****	65	*****	102	*****
30	*****	66	1.54	103	*****
31	*****	67	*****	104	*****
32	5.94	68	0.27	105	*****
33	11.48	69	*****	106	*****
34	0.37	70	*****	107	*****
35	*****	71	*****	108	1.72
36	*****	72	*****	109	*****
		73	*****		

TOTAL CONCENTRATION 146.69

SCOTT RESEARCH LABORATORIES, INC.
L.A. BASIN PROJECT CHROMATOGRAM DATA

HUNTINGTON PARK

DATE 10-08
(AIRBORNE... 5500 FEET ALTITUDE)

TIME 1236 PST

PEAK	PPB	PEAK	PPB	PEAK	PPB
1	42.24	37	*****	74	*****
2	*****	38	0.89	75	*****
3	6.34	39	*****	76	*****
4	*****	40	4.72	77	*****
5	*****	41	2.49	78	*****
6	*****	42	*****	79	*****
7	3.64	43	*****	80	1.51
8	*****	44	7.91	81	0.64
9	*****	45	9.58	82	*****
10	*****	46	50.53	83	*****
11	1.61	47	3.77	84	0.19
12	11.50	48	2.39	85	*****
13	29.85	49	*****	86	*****
14	13.88	50	5.55	87	*****
15	*****	51	*****	88	3.38
16	106.03	52	1.87	89	*****
17	*****	53	2.53	90	*****
18	*****	54	*****	91	*****
19	*****	55	*****	92	*****
20	*****	56	0.64	93	0.76
21	17.84	57	*****	94	*****
22	14.93	58	*****	95	*****
23	*****	59	0.39	96	*****
24	*****	60	1.34	97	*****
25	*****	61	0.15	98	*****
26	5.00	62	3.82	99	*****
27	5.17	63	*****	100	0.19
28	1.03	64	16.58	101	1.09
29	*****	65	*****	102	*****
30	*****	66	7.36	103	*****
31	*****	67	3.15	104	*****
32	21.25	68	2.36	105	0.66
33	22.49	69	0.45	106	*****
34	2.55	70	*****	107	0.26
35	*****	71	*****	108	1.46
36	*****	72	0.20	109	*****
		73	*****		

TOTAL CONCENTRATION: 444.41

SCOTT RESEARCH LABORATORIES, INC.
L.A. BASIN PROJECT CHROMATOGRAM DATA

EL MONTE

DATE 10-08
(AIRBORNE... 5500 FEET ALTITUDE)

TIME 1307 PST

PEAK	PPB	PEAK	PPB	PEAK	PPB
1	*****	31	*****	60	7.40
2	*****	32	51.37	61	38.54
3	*****	33	*****	62	*****
4	*****	34	*****	63	*****
5	*****	35	*****	64	52.42
6	*****	36	10.31	65	*****
7	*****	37	*****	66	24.36
8	*****	38	26.26	67	12.08
9	*****	39	*****	68	13.03
10	*****	40	47.55	69	3.00
11	*****	41	*****	70	*****
12	*****	42	15.70	71	*****
13	*****	43	*****	72	20.67
14	*****	44	36.34	73	*****
15	28.03	45	27.22	74	13.31
16	130.76	46	67.37	75	4.00
17	*****	47	22.24	76	*****
18	*****	48	29.97	77	31.95
19	10.15	49	*****	78	9.47
20	6.65	50	31.57	79	*****
21	27.74	51	41.03	80	30.20
22	46.95	52	*****	81	34.05
23	*****	53	24.49	82	*****
24	*****	54	*****	83	11.98
25	28.96	55	7.28	84	24.32
26	19.54	56	11.91	85	*****
27	40.68	57	14.20	86	21.70
28	14.46	58	*****	87	30.69
29	*****	59	33.15	88	40.74
30	24.73			89	13.61

TOTAL CONCENTRATION 1314.30

SCOTT RESEARCH LABORATORIES, INC.
L.A. BASIN PROJECT CHROMATOGRAM DATA

EL MONTE

DATE 10-08
(AIRBORNE... 4000 FEET ALTITUDE)

TIME 1325 PST

PEAK	PPB	PEAK	PPB	PEAK	PPB
1	77.27	31	*****	60	*****
2	*****	32	70.84	61	13.68
3	17.50	33	*****	62	*****
4	*****	34	6.23	63	*****
5	11.72	35	*****	64	34.35
6	38.37	36	*****	65	0.91
7	81.15	37	2.59	66	0.02
8	*****	38	*****	67	*****
9	*****	39	*****	68	5.64
10	1.44	40	25.00	69	1.57
11	16.69	41	*****	70	*****
12	25.88	42	2.97	71	*****
13	64.23	43	0.27	72	*****
14	41.66	44	23.84	73	*****
15	14.91	45	31.42	74	0.25
16	41.89	46	132.12	75	*****
17	*****	47	16.33	76	*****
18	*****	48	11.79	77	*****
19	*****	49	*****	78	*****
20	*****	50	18.33	79	*****
21	5.79	51	6.58	80	*****
22	9.77	52	*****	81	*****
23	*****	53	5.59	82	1.29
24	*****	54	*****	83	0.92
25	*****	55	*****	84	0.90
26	15.08	56	3.22	85	*****
27	13.40	57	0.72	86	*****
28	2.27	58	0.78	87	*****
29	*****	59	2.98	88	4.10
30	2.14			89	0.26

TOTAL CONCENTRATION 906.83

SCOTT RESEARCH LABORATORIES, INC.
L.A. BASIN PROJECT CHROMATOGRAM DATA

EL MONTE

DATE 10-08
(AIRBORNE... 1200 FEET ALTITUDE)

TIME 1352 PST

PEAK	PPB	PEAK	PPB	PEAK	PPB
1	30.06	31	9.55	60	*****
2	*****	32	*****	61	<u>2.43</u>
3	25.33	33	16.23	62	*****
4	*****	34	6.63	63	*****
5	*****	35	15.96	64	6.60
6	18.05	36	5.34	65	*****
7	24.11	37	0.52	66	0.78
8	14.53	38	10.35	67	<u>0.61</u>
9	100.51	39	1.41	68	5.49
10	*****	40	3.35	69	*****
11	*****	41	*****	70	*****
12	16.33	42	*****	71	*****
13	28.82	43	*****	72	1.33
14	21.19	44	2.14	73	<u>1.73</u>
15	37.34	45	3.90	74	*****
16	21.88	46	25.48	75	*****
17	*****	47	*****	76	*****
18	*****	48	0.40	77	<u>0.45</u>
19	*****	49	*****	78	0.76
20	3.78	50	1.39	79	<u>4.27</u>
21	16.84	51	3.40	80	5.83
22	10.68	52	*****	81	5.10
23	6.20	53	0.52	82	2.78
24	*****	54	*****	83	1.08
25	14.72	55	*****	84	5.25
26	25.94	56	0.66	85	*****
27	5.70	57	*****	86	*****
28	14.30	58	*****	87	3.40
29	6.44	59	*****	88	12.89
30	*****			89	5.20

TOTAL CONCENTRATION 616.15

SCOTT RESEARCH LABORATORIES, INC.
L.A. BASIN PROJECT CHROMATOGRAM DATA

EL MONTE

DATA 10-09
(AIRBORNE... 2700 FEET ALTITUDE)

TIME 1224 PST

PEAK	PPB	PEAK	PPB	PEAK	PPB
1	*****	31	*****	60	*****
2	*****	32	*****	61	0.54
3	*****	33	1.58	62	*****
4	*****	34	0.82	63	*****
5	1.02	35	*****	64	1.07
6	*****	36	*****	65	*****
7	*****	37	*****	66	*****
8	*****	38	*****	67	*****
9	*****	39	*****	68	*****
10	*****	40	*****	69	1.56
11	*****	41	*****	70	*****
12	*****	42	*****	71	*****
13	*****	43	*****	72	*****
14	*****	44	*****	73	*****
15	2.74	45	*****	74	*****
16	*****	46	19.22	75	*****
17	*****	47	*****	76	*****
18	*****	48	*****	77	*****
19	*****	49	*****	78	*****
20	*****	50	*****	79	*****
21	*****	51	*****	80	*****
22	*****	52	*****	81	*****
23	*****	53	*****	82	*****
24	*****	54	*****	83	*****
25	*****	55	*****	84	*****
26	1.26	56	*****	85	*****
27	*****	57	*****	86	11.72
28	*****	58	*****	87	1.59
29	*****	59	*****	88	4.93
30	*****			89	*****

TOTAL CONCENTRATION 48.11

SCOTT RESEARCH LABORATORIES, INC.
L.A. BASIN PROJECT CHROMATOGRAM DATA

EL MONTE

DATE 10-09
(AIRBORNE... 2400 FEET ALTITUDE)

TIME 1237 PST

PEAK	PPB	PEAK	PPB	PEAK	PPB
1	3.34	31	*****	60	23.10
2	*****	32	*****	61	9.70
3	1.19	33	1.80	62	1.19
4	*****	34	0.68	63	*****
5	*****	35	*****	64	15.64
6	*****	36	*****	65	*****
7	6.36	37	*****	66	13.41
8	*****	38	*****	67	*****
9	*****	39	*****	68	0.35
10	*****	40	*****	69	2.03
11	*****	41	*****	70	*****
12	*****	42	*****	71	*****
13	0.38	43	*****	72	*****
14	*****	44	*****	73	*****
15	2.94	45	1.09	74	*****
16	0.63	46	33.25	75	*****
17	*****	47	*****	76	*****
18	*****	48	*****	77	*****
19	*****	49	*****	78	*****
20	*****	50	*****	79	*****
21	*****	51	0.65	80	*****
22	*****	52	*****	81	*****
23	*****	53	*****	82	*****
24	*****	54	6.55	83	*****
25	*****	55	1.30	84	*****
26	2.03	56	*****	85	*****
27	*****	57	11.89	86	*****
28	*****	58	*****	87	*****
29	*****	59	*****	88	2.39
30	*****			89	*****

TOTAL CONCENTRATION 141.97

SCOTT RESEARCH LABORATORIES, INC.
L.A. BASIN PROJECT CHROMATOGRAM DATA

HUNTINGTON PARK

DATE 10-17
(AIRBORNE... 1500 FEET ALTITUDE)

TIME 0726 PST

PEAK	PPB	PEAK	PPB	PEAK	PPB
1	53.34	37	0.73	74	*****
2	*****	38	*****	75	0.20
3	11.20	39	0.18	76	*****
4	*****	40	12.21	77	*****
5	*****	41	7.41	78	*****
6	*****	42	*****	79	*****
7	7.34	43	0.13	80	*****
8	*****	44	21.42	81	0.56
9	*****	45	27.96	82	*****
10	*****	46	359.18	83	0.75
11	1.57	47	14.48	84	*****
12	15.93	48	8.98	85	*****
13	46.71	49	*****	86	*****
14	21.90	50	19.38	87	*****
15	*****	51	*****	88	1.11
16	7.39	52	3.99	89	*****
17	*****	53	7.91	90	*****
18	*****	54	*****	91	*****
19	*****	55	2.39	92	*****
20	*****	56	5.37	93	*****
21	12.30	57	3.36	94	0.20
22	5.27	58	*****	95	0.27
23	*****	59	4.41	96	*****
24	7.07	60	3.72	97	*****
25	*****	61	40.63	98	0.12
26	0.43	62	*****	99	*****
27	0.20	63	*****	100	*****
28	1.27	64	131.61	101	0.10
29	*****	65	3.20	102	0.28
30	*****	66	7.27	103	0.86
31	*****	67	2.69	104	*****
32	54.53	68	27.99	105	*****
33	0.22	69	*****	106	*****
34	2.58	70	0.87	107	*****
35	*****	71	1.47	108	*****
36	*****	72	*****	109	1.06
		73	*****		

TOTAL CONCENTRATION 1009.56

SCOTT RESEARCH LABORATORIES, INC.

L.A. BASIN PROJECT CHROMATOGRAM DATA

HUNTINGTON PARK

DATE 10-17
(AIRBORNE... 3000 FEET ALTITUDE)

TIME 0758 PST

PEAK	PPB	PEAK	PPB	PEAK	PPB
1	39.61	37	0.63	74	*****
2	*****	38	0.24	75	*****
3	8.46	39	*****	76	*****
4	*****	40	12.86	77	*****
5	*****	41	7.84	78	*****
6	*****	42	*****	79	*****
7	5.97	43	0.86	80	0.35
8	*****	44	21.07	81	1.98
9	*****	45	25.99	82	0.86
10	*****	46	178.77	83	1.26
11	1.36	47	11.97	84	0.65
12	14.43	48	8.06	85	*****
13	42.38	49	*****	86	0.56
14	25.92	50	18.93	87	*****
15	*****	51	*****	88	4.27
16	14.68	52	0.90	89	*****
17	*****	53	7.11	90	*****
18	*****	54	*****	91	*****
19	*****	55	*****	92	*****
20	*****	56	2.37	93	0.66
21	*****	57	0.24	94	*****
22	14.96	58	0.61	95	*****
23	*****	59	1.57	96	*****
24	*****	60	*****	97	0.12
25	*****	61	22.31	98	*****
26	5.73	62	*****	99	*****
27	8.97	63	*****	100	*****
28	1.29	64	71.93	101	*****
29	*****	65	2.56	102	0.12
30	*****	66	3.44	103	*****
31	*****	67	*****	104	*****
32	51.11	68	16.56	105	*****
33	11.37	69	*****	106	*****
34	2.68	70	*****	107	0.45
35	*****	71	0.19	108	*****
36	*****	72	*****	109	*****
		73	*****		

TOTAL CONCENTRATION

677.44

SCOTT RESEARCH LABORATORIES, INC.
L.A. BASIN PROJECT CHROMATOGRAM DATA

HUNTINGTON PARK

DATE 10-17
(AIRBORNE... 3000 FEET ALTITUDE)

TIME 0927 PST

PEAK	PPB	PEAK	PPB	PEAK	PPB
1	*****	31	*****	60	14.52
2	*****	32	*****	61	*****
3	4.00	33	23.97	62	49.48
4	*****	34	1.93	63	*****
5	*****	35	*****	64	*****
6	*****	36	*****	65	2.43
7	3.10	37	*****	66	*****
8	*****	38	*****	67	*****
9	*****	39	*****	68	9.62
10	*****	40	5.21	69	*****
11	0.50	41	2.19	70	*****
12	8.99	42	*****	71	*****
13	21.08	43	*****	72	*****
14	9.35	44	8.05	73	*****
15	*****	45	9.77	74	*****
16	2.71	46	130.44	75	*****
17	*****	47	5.18	76	*****
18	*****	48	2.65	77	*****
19	14.26	49	*****	78	*****
20	8.03	50	6.47	79	*****
21	1.29	51	*****	80	*****
22	6.37	52	0.46	81	*****
23	*****	53	2.47	82	*****
24	*****	54	*****	83	0.35
25	3.62	55	*****	84	0.22
26	*****	56	0.69	85	*****
27	3.68	57	*****	86	*****
28	*****	58	*****	87	*****
29	0.38	59	0.31	88	0.93
30	*****			89	*****

TOTAL CONCENTRATION 364.80

SCOTT RESEARCH LABORATORIES, INC.
L.A. BASIN PROJECT CHROMATOGRAM DATA

HUNTINGTON PARK

DATE 10-17
(AIRBORNE... 1300 FEET ALTITUDE)

TIME 0947 PST

PEAK	PPB	PEAK	PPB	PEAK	PPB
1	56.88	31	*****	60	9.11
2	*****	32	*****	61	0.30
3	19.38	33	49.31	62	32.44
4	*****	34	*****	63	*****
5	*****	35	*****	64	*****
6	*****	36	*****	65	1.22
7	7.70	37	0.69	66	2.01
8	*****	38	0.13	67	*****
9	*****	39	*****	68	6.54
10	*****	40	9.51	69	*****
11	1.53	41	5.69	70	*****
12	15.57	42	0.19	71	*****
13	43.40	43	*****	72	*****
14	19.85	44	15.82	73	*****
15	*****	45	19.37	74	*****
16	6.89	46	85.36	75	*****
17	*****	47	7.89	76	*****
18	*****	48	5.26	77	*****
19	*****	49	*****	78	*****
20	19.55	50	12.78	79	*****
21	*****	51	*****	80	*****
22	12.49	52	*****	81	*****
23	*****	53	4.31	82	1.34
24	1.66	54	*****	83	*****
25	*****	55	*****	84	0.66
26	3.27	56	1.57	85	*****
27	8.04	57	*****	86	0.26
28	*****	58	*****	87	*****
29	1.28	59	0.87	88	2.08
30	*****			89	*****

TOTAL CONCENTRATION 492.30

SCOTT RESEARCH LABORATORIES, INC.
L.A. BASIN PROJECT CHROMATOGRAM DATA

HUNTINGTON PARK

DATE 10-18
(AIRBORNE... 3000 FEET ALTITUDE)

TIME 0752 PST

PEAK	PPB	PEAK	PPB	PEAK	PPB
1	24.72	37	0.51	74	0.43
2	*****	38	0.14	75	*****
3	5.45	39	0.37	76	*****
4	*****	40	11.32	77	*****
5	*****	41	6.87	78	*****
6	*****	42	1.31	79	*****
7	3.55	43	*****	80	0.69
8	*****	44	19.18	81	3.18
9	*****	45	23.67	82	1.48
10	*****	46	185.93	83	1.42
11	0.52	47	11.98	84	1.48
12	7.95	48	7.86	85	*****
13	26.82	49	*****	86	0.93
14	14.29	50	16.78	87	*****
15	*****	51	*****	88	6.26
16	4.83	52	1.10	89	0.51
17	*****	53	6.68	90	*****
18	*****	54	*****	91	*****
19	*****	55	*****	92	*****
20	*****	56	2.22	93	1.30
21	16.96	57	0.53	94	*****
22	11.74	58	1.10	95	*****
23	*****	59	1.98	96	*****
24	6.01	60	0.40	97	*****
25	*****	61	21.85	98	*****
26	6.19	62	1.46	99	0.18
27	7.06	63	*****	100	0.24
28	1.38	64	72.74	101	0.27
29	*****	65	0.93	102	*****
30	*****	66	3.68	103	*****
31	0.20	67	1.35	104	*****
32	39.63	68	15.15	105	*****
33	6.83	69	0.33	106	0.47
34	3.69	70	*****	107	0.30
35	*****	71	0.25	108	*****
36	*****	72	*****	109	1.77
		73	*****		

TOTAL CONCENTRATION 626.71

SCOTT RESEARCH LABORATORIES, INC.
L.A. BASIN PROJECT CHROMATOGRAM DATA

HUNTINGTON PARK

DATE 10-18
(AIRBORNE... 5000 FEET ALTITUDE)

TIME 0811 PST

PEAK	PPB	PEAK	PPB	PEAK	PPB
1	*****	37	0.27	74	*****
2	*****	38	*****	75	*****
3	5.03	39	7.47	76	*****
4	*****	40	4.19	77	*****
5	*****	41	*****	78	*****
6	*****	42	*****	79	0.37
7	7.98	43	11.34	80	*****
8	*****	44	12.93	81	2.44
9	*****	45	*****	82	1.00
10	*****	46	142.38	83	0.74
11	0.49	47	9.41	84	*****
12	6.79	48	6.54	85	0.31
13	21.19	49	10.96	86	*****
14	9.62	50	*****	87	1.43
15	*****	51	0.64	88	2.69
16	3.34	52	*****	89	0.30
17	*****	53	5.73	90	*****
18	*****	54	*****	91	*****
19	*****	55	*****	92	0.46
20	17.22	56	1.56	93	*****
21	*****	57	0.37	94	0.10
22	9.99	58	0.75	95	*****
23	2.88	59	1.21	96	*****
24	*****	60	21.37	97	0.11
25	*****	61	*****	98	0.45
26	4.57	62	*****	99	*****
27	4.55	63	60.38	100	*****
28	0.77	64	*****	101	*****
29	*****	65	3.29	102	*****
30	0.21	66	1.51	103	0.16
31	26.56	67	10.83	104	*****
32	5.90	68	*****	105	0.18
33	*****	69	*****	106	*****
34	0.84	70	0.24	107	0.17
35	*****	71	*****	108	0.92
36	*****	72	*****	109	*****
		73	0.16		

TOTAL CONCENTRATION 453.42

SCOTT RESEARCH LABORATORIES, INC.
L.A. BASIN PROJECT CHROMATOGRAM DATA

EL MONTE

DATE 10-18
(AIRBORNE... 5000 FEET ALTITUDE)

TIME 0821 PST

PEAK	PPB	PEAK	PPB	PEAK	PPB
1	21.85	31	1.88	60	*****
2	*****	32	14.16	61	6.36
3	6.38	33	*****	62	*****
4	*****	34	1.63	63	*****
5	*****	35	2.77	64	21.43
6	*****	36	*****	65	*****
7	*****	37	*****	66	*****
8	*****	38	*****	67	0.60
9	*****	39	*****	68	4.89
10	*****	40	3.03	69	*****
11	12.80	41	*****	70	*****
12	14.79	42	*****	71	*****
13	4.77	43	*****	72	*****
14	47.53	44	1.93	73	*****
15	106.55	45	1.77	74	0.82
16	*****	46	38.54	75	*****
17	*****	47	*****	76	*****
18	*****	48	0.79	77	2.53
19	*****	49	*****	78	*****
20	*****	50	2.22	79	*****
21	0.88	51	*****	80	0.96
22	1.11	52	1.32	81	0.90
23	*****	53	0.80	82	*****
24	*****	54	*****	83	*****
25	*****	55	*****	84	*****
26	5.43	56	*****	85	*****
27	2.49	57	*****	86	*****
28	*****	58	*****	87	*****
29	*****	59	*****	88	1.51
30	*****			89	0.76

TOTAL CONCENTRATION 336.31

SCOTT RESEARCH LABORATORIES, INC.
L.A. BASIN PROJECT CHROMATOGRAM DATA

EL MONTE

DATE 10-18
(AIRBORNE... 1300 FEET ALTITUDE)

TIME 0832 PST

PEAK	PPB	PEAK	PPB	PEAK	PPB
1	71.13	31	*****	60	*****
2	*****	32	55.54	61	6.87
3	14.69	33	*****	62	*****
4	*****	34	*****	63	*****
5	*****	35	*****	64	23.05
6	0.79	36	*****	65	*****
7	8.75	37	*****	66	*****
8	*****	38	*****	67	0.50
9	*****	39	*****	68	4.75
10	*****	40	17.45	69	*****
11	1.53	41	*****	70	*****
12	21.76	42	*****	71	*****
13	55.42	43	*****	72	*****
14	25.72	44	16.95	73	*****
15	1.12	45	20.32	74	0.69
16	14.28	46	70.68	75	*****
17	*****	47	6.22	76	*****
18	7.82	48	3.80	77	*****
19	*****	49	*****	78	*****
20	*****	50	12.97	79	0.60
21	3.26	51	*****	80	*****
22	7.71	52	0.48	81	0.42
23	*****	53	3.33	82	*****
24	*****	54	*****	83	*****
25	*****	55	*****	84	*****
26	4.28	56	1.22	85	*****
27	9.54	57	*****	86	*****
28	0.92	58	0.37	87	*****
29	*****	59	0.93	88	2.05
30	*****			89	*****

TOTAL CONCENTRATION 498.04

SCOTT RESEARCH LABORATORIES, INC.
L.A. BASIN PROJECT CHROMATOGRAM DATA

EL MONTE

DATE 10-18
(AIRBORNE... 3000 FEET ALTITUDE)

TIME 0852 PST

PEAK	PPB	PEAK	PPB	PEAK	PPB
1	43.23	31	0.86	60	*****
2	*****	32	41.19	61	10.03
3	7.94	33	*****	62	*****
4	*****	34	*****	63	*****
5	*****	35	2.01	64	32.90
6	*****	36	*****	65	*****
7	5.01	37	*****	66	0.36
8	*****	38	*****	67	0.45
9	*****	39	*****	68	6.28
10	*****	40	12.78	69	*****
11	1.16	41	*****	70	*****
12	13.75	42	*****	71	*****
13	31.63	43	*****	72	*****
14	15.75	44	*****	73	*****
15	16.88	45	14.99	74	0.65
16	10.27	46	95.08	75	*****
17	7.33	47	5.77	76	*****
18	*****	48	2.69	77	*****
19	*****	49	*****	78	*****
20	*****	50	9.78	79	*****
21	1.78	51	*****	80	0.55
22	5.32	52	1.08	81	0.47
23	*****	53	3.09	82	0.27
24	*****	54	*****	83	*****
25	*****	55	*****	84	*****
26	5.34	56	1.03	85	*****
27	6.24	57	*****	86	*****
28	0.61	58	*****	87	*****
29	*****	59	0.71	88	*****
30	*****			89	0.74

TOTAL CONCENTRATION 416.12

SCOTT RESEARCH LABORATORIES, INC.
L.A. BASIN PROJECT CHROMATOGRAM DATA

HUNTINGTON PARK

DATE 10-21
(AIRBORNE... 2000 FEET ALTITUDE)

TIME 1310 PST

PEAK	PPB	PEAK	PPB	PEAK	PPB
1	*****	37	*****	74	*****
2	*****	38	*****	75	*****
3	0.33	39	*****	76	*****
4	*****	40	4.09	77	*****
5	*****	41	*****	78	*****
6	*****	42	*****	79	*****
7	*****	43	*****	80	*****
8	*****	44	4.17	81	*****
9	*****	45	5.06	82	*****
10	*****	46	27.16	83	*****
11	*****	47	2.07	84	0.14
12	0.98	48	1.17	85	*****
13	3.32	49	*****	86	*****
14	2.12	50	3.37	87	0.31
15	*****	51	*****	88	2.02
16	1.29	52	1.68	89	*****
17	*****	53	1.09	90	*****
18	*****	54	*****	91	*****
19	*****	55	*****	92	*****
20	*****	56	0.37	93	*****
21	*****	57	*****	94	*****
22	1.68	58	*****	95	*****
23	*****	59	2.21	96	*****
24	5.25	60	*****	97	*****
25	*****	61	3.37	98	*****
26	*****	62	*****	99	*****
27	1.52	63	*****	100	*****
28	*****	64	16.01	101	*****
29	*****	65	*****	102	*****
30	*****	66	0.40	103	*****
31	*****	67	*****	104	*****
32	8.80	68	3.08	105	*****
33	5.41	69	1.29	106	*****
34	2.78	70	*****	107	0.26
35	*****	71	*****	108	*****
36	*****	72	*****	109	*****
		73	*****		

TOTAL CONCENTRATION 112.95

SCOTT RESEARCH LABORATORIES, INC.
L.A. BASIN PROJECT CHROMATOGRAM DATA

HUNTINGTON PARK

DATE 10-21
(AIRBORNE... 1500 FEET ALTITUDE)

TIME 1330 PST

PEAK	PPB	PEAK	PPB	PEAK	PPB
1	42.21	37	4.12	74	0.93
2	*****	38	0.56	75	*****
3	24.04	39	0.69	76	0.24
4	*****	40	3.97	77	0.13
5	*****	41	2.45	78	0.52
6	*****	42	*****	79	0.25
7	*****	43	0.27	80	2.59
8	*****	44	7.32	81	10.64
9	*****	45	9.18	82	5.13
10	*****	46	101.06	83	2.15
11	2.24	47	6.99	84	5.53
12	4.15	48	5.87	85	*****
13	14.85	49	*****	86	6.23
14	9.76	50	7.24	87	*****
15	*****	51	*****	88	15.86
16	9.04	52	1.59	89	2.43
17	*****	53	6.32	90	*****
18	*****	54	0.36	91	*****
19	*****	55	*****	92	0.28
20	*****	56	1.07	93	2.66
21	14.75	57	0.53	94	*****
22	9.94	58	*****	95	0.95
23	15.05	59	2.41	96	*****
24	*****	60	*****	97	0.11
25	*****	61	26.28	98	0.15
26	13.08	62	0.75	99	0.62
27	7.37	63	*****	100	0.62
28	3.32	64	94.78	101	0.76
29	1.12	65	1.10	102	*****
30	1.19	66	0.21	103	0.11
31	*****	67	*****	104	*****
32	14.88	68	3.52	105	*****
33	7.57	69	1.07	106	1.30
34	5.83	70	1.56	107	1.04
35	*****	71	*****	108	*****
36	*****	72	*****	109	2.57
		73	*****		

TOTAL CONCENTRATION 555.88

SCOTT RESEARCH LABORATORIES, INC.
L.A. BASIN PROJECT CHROMATOGRAM DATA

EL MONTE

DATE 10-21
(AIRBORNE... 1000 FEET ALTITUDE)

TIME 1445 PST

PEAK	PPB	PEAK	PPB	PEAK	PPB
1	31.58	31	*****	60	*****
2	*****	32	7.65	61	7.69
3	16.98	33	6.22	62	*****
4	*****	34	3.47	63	*****
5	*****	35	*****	64	22.67
6	*****	36	*****	65	0.86
7	*****	37	3.41	66	*****
8	*****	38	*****	67	0.43
9	*****	39	*****	68	6.36
10	*****	40	2.96	69	*****
11	7.23	41	*****	70	*****
12	8.07	42	*****	71	0.65
13	18.94	43	*****	72	*****
14	5.04	44	2.28	73	*****
15	0.37	45	2.44	74	1.68
16	16.20	46	49.72	75	*****
17	*****	47	5.10	76	*****
18	21.22	48	2.26	77	*****
19	*****	49	*****	78	0.45
20	*****	50	2.43	79	0.35
21	3.29	51	*****	80	0.34
22	*****	52	*****	81	1.82
23	0.61	53	2.70	82	1.68
24	*****	54	1.69	83	*****
25	*****	55	*****	84	*****
26	14.06	56	*****	85	*****
27	4.26	57	1.65	86	*****
28	2.02	58	0.26	87	0.90
29	0.31	59	0.74	88	2.84
30	1.90			89	1.10

TOTAL CONCENTRATION 297.08

SCOTT RESEARCH LABORATORIES, INC.
L.A. BASIN PROJECT CHROMATOGRAM DATA

EL MONTE

DATE 10-21
(AIRBORNE... 3300 FEET ALTITUDE)

TIME 1510 PST

PEAK	PPB	PEAK	PPB	PEAK	PPB
1	1.24	31	*****	60	*****
2	*****	32	2.94	61	3.12
3	*****	33	6.51	62	*****
4	*****	34	*****	63	*****
5	*****	35	*****	64	13.36
6	*****	36	*****	65	*****
7	*****	37	*****	66	*****
8	*****	38	*****	67	*****
9	*****	39	*****	68	2.51
10	*****	40	*****	69	*****
11	*****	41	0.60	70	*****
12	1.72	42	*****	71	*****
13	4.45	43	*****	72	*****
14	*****	44	0.82	73	*****
15	*****	45	0.67	74	*****
16	3.71	46	25.93	75	*****
17	*****	47	*****	76	0.41
18	1.55	48	*****	77	*****
19	*****	49	*****	78	*****
20	*****	50	0.60	79	*****
21	*****	51	*****	80	*****
22	*****	52	*****	81	*****
23	*****	53	*****	82	0.62
24	*****	54	1.19	83	*****
25	*****	55	*****	84	0.79
26	*****	56	*****	85	*****
27	*****	57	1.79	86	*****
28	*****	58	*****	87	0.57
29	*****	59	*****	88	*****
30	*****			89	1.52

TOTAL CONCENTRATION 76.72

SCOTT RESEARCH LABORATORIES, INC.
L.A. BASIN PROJECT CHROMATOGRAM DATA

HUNTINGTON PARK

DATE 10-22
(AIRBORNE... 1500 FEET ALTITUDE)

TIME 0743 PST

PEAK	PPB	PEAK	PPB	PEAK	PPB
1	7.37	37	0.27	74	*****
2	*****	38	*****	75	*****
3	2.53	39	*****	76	*****
4	*****	40	6.10	77	*****
5	*****	41	3.23	78	*****
6	*****	42	*****	79	*****
7	*****	43	*****	80	*****
8	1.07	44	10.21	81	0.60
9	*****	45	13.10	82	*****
10	*****	46	*****	83	0.91
11	*****	47	5.77	84	*****
12	*****	48	4.45	85	*****
13	5.00	49	*****	86	*****
14	4.84	50	9.38	87	*****
15	*****	51	0.65	88	1.06
16	5.79	52	1.11	89	0.40
17	*****	53	3.16	90	*****
18	*****	54	*****	91	*****
19	*****	55	*****	92	*****
20	*****	56	1.39	93	0.16
21	2.35	57	*****	94	*****
22	3.99	58	0.48	95	0.20
23	*****	59	1.19	96	*****
24	8.24	60	*****	97	0.19
25	*****	61	11.72	98	*****
26	1.81	62	*****	99	*****
27	3.48	63	*****	100	*****
28	0.38	64	44.09	101	*****
29	*****	65	0.71	102	*****
30	*****	66	0.83	103	*****
31	*****	67	*****	104	*****
32	18.12	68	9.43	105	*****
33	5.20	69	0.77	106	*****
34	6.27	70	*****	107	*****
35	*****	71	*****	108	*****
36	*****	72	*****	109	1.14
		73	*****		

TOTAL CONCENTRATION 209.30

SCOTT RESEARCH LABORATORIES, INC.
L.A. BASIN PROJECT CHROMATOGRAM DATA

HUNTINGTON PARK

DATE 10-22
(AIRBORNE... 2200 FEET ALTITUDE)

TIME 0807 PST

PEAK	PPB	PEAK	PPB	PEAK	PPB
1	2.87	37	*****	74	*****
2	*****	38	*****	75	*****
3	1.04	39	*****	76	*****
4	*****	40	*****	77	*****
5	*****	41	0.80	78	*****
6	*****	42	*****	79	*****
7	*****	43	*****	80	0.21
8	*****	44	0.56	81	*****
9	*****	45	0.45	82	0.47
10	*****	46	13.86	83	0.34
11	*****	47	0.89	84	*****
12	*****	48	0.26	85	*****
13	0.64	49	*****	86	*****
14	*****	50	0.45	87	*****
15	*****	51	*****	88	0.56
16	*****	52	1.46	89	0.28
17	*****	53	0.36	90	*****
18	*****	54	*****	91	*****
19	*****	55	*****	92	*****
20	*****	56	*****	93	*****
21	*****	57	*****	94	*****
22	*****	58	*****	95	*****
23	*****	59	*****	96	*****
24	10.52	60	*****	97	*****
25	*****	61	1.93	98	*****
26	0.90	62	*****	99	*****
27	0.90	63	*****	100	*****
28	*****	64	8.16	101	*****
29	*****	65	*****	102	*****
30	*****	66	*****	103	*****
31	*****	67	*****	104	*****
32	2.01	68	2.33	105	*****
33	11.89	69	0.86	106	*****
34	*****	70	*****	107	*****
35	*****	71	*****	108	*****
36	*****	72	*****	109	1.28
		73	*****		

TOTAL CONCENTRATION 66.43

SCOTT RESEARCH LABORATORIES, INC.
L.A. BASIN PROJECT CHROMATOGRAM DATA

EL MONTE

DATE 10-22
(AIRBORNE... 1300 FEET ALTITUDE)

TIME 0850 PST

PEAK	PPB	PEAK	PPB	PEAK	PPB
1	3.39	31	1.62	60	*****
2	*****	32	1.96	61	6.12
3	1.58	33	6.85	62	*****
4	*****	34	*****	63	*****
5	*****	35	*****	64	21.74
6	*****	36	*****	65	*****
7	*****	37	*****	66	*****
8	*****	38	*****	67	*****
9	*****	39	*****	68	3.92
10	*****	40	*****	69	*****
11	*****	41	0.73	70	*****
12	*****	42	*****	71	*****
13	1.61	43	*****	72	*****
14	0.89	44	0.86	73	*****
15	*****	45	0.60	74	0.27
16	0.61	46	47.23	75	*****
17	*****	47	*****	76	*****
18	1.78	48	*****	77	*****
19	*****	49	*****	78	*****
20	1.40	50	0.64	79	*****
21	*****	51	*****	80	*****
22	0.92	52	*****	81	0.65
23	*****	53	0.58	82	0.81
24	*****	54	1.89	83	*****
25	*****	55	*****	84	*****
26	1.91	56	*****	85	*****
27	*****	57	0.52	86	*****
28	*****	58	*****	87	*****
29	*****	59	*****	88	*****
30	*****			89	1.03

TOTAL CONCENTRATION 112.23

SCOTT RESEARCH LABORATORIES, INC.
L.A. BASIN PROJECT CHROMATOGRAM DATA

HUNTINGTON PARK

DATE 10-22
(AIRBORNE... 1500 FEET ALTITUDE)

TIME 1310 PST

PEAK	PPH	PEAK	PPB	PEAK	PPB
1	10.04	37	0.29	74	*****
2	*****	38	*****	75	*****
3	4.89	39	0.33	76	*****
4	*****	40	0.76	77	*****
5	*****	41	*****	78	*****
6	*****	42	*****	79	*****
7	*****	43	*****	80	0.96
8	*****	44	0.46	81	1.83
9	*****	45	0.18	82	0.65
10	*****	46	27.94	83	*****
11	*****	47	1.34	84	0.46
12	0.16	48	0.80	85	*****
13	2.35	49	*****	86	0.43
14	2.24	50	0.35	87	*****
15	*****	51	*****	88	3.54
16	1.06	52	1.69	89	2.21
17	*****	53	1.02	90	*****
18	*****	54	*****	91	*****
19	*****	55	*****	92	*****
20	*****	56	*****	93	0.66
21	5.21	57	*****	94	*****
22	0.94	58	1.36	95	*****
23	*****	59	*****	96	*****
24	7.40	60	*****	97	*****
25	*****	61	5.67	98	*****
26	2.72	62	*****	99	*****
27	1.45	63	*****	100	0.14
28	0.33	64	20.94	101	0.15
29	*****	65	*****	102	*****
30	*****	66	0.23	103	*****
31	*****	67	*****	104	*****
32	1.49	68	6.00	105	*****
33	5.59	69	1.47	106	0.32
34	2.44	70	*****	107	0.13
35	*****	71	*****	108	*****
36	*****	72	*****	109	2.51
		73	*****		

TOTAL CONCENTRATION 133.38

SCOTT RESEARCH LABORATORIES, INC.
L.A. BASIN PROJECT CHROMATOGRAM DATA

EL MONTE

DATE 10-22
(AIRBORNE... 1300 FEET ALTITUDE)

TIME 1350 PST

PEAK	PPB	PEAK	PPB	PEAK	PPB
1	36.00	31	*****	60	*****
2	*****	32	5.67	61	4.99
3	18.25	33	6.32	62	*****
4	*****	34	5.34	63	*****
5	*****	35	*****	64	15.34
6	*****	36	*****	65	*****
7	*****	37	2.98	66	*****
8	*****	38	*****	67	*****
9	7.10	39	*****	68	4.23
10	*****	40	0.31	69	*****
11	*****	41	1.10	70	0.69
12	2.63	42	*****	71	*****
13	29.80	43	*****	72	*****
14	19.52	44	0.45	73	0.47
15	*****	45	0.43	74	0.64
16	20.66	46	41.65	75	*****
17	*****	47	3.63	76	*****
18	36.82	48	1.02	77	*****
19	*****	49	*****	78	0.29
20	*****	50	0.42	79	0.64
21	10.58	51	*****	80	0.24
22	2.77	52	0.44	81	1.80
23	*****	53	1.78	82	1.86
24	*****	54	2.38	83	*****
25	*****	55	*****	84	*****
26	9.33	56	*****	85	*****
27	3.80	57	2.46	86	*****
28	1.97	58	*****	87	1.27
29	0.30	59	*****	88	2.30
30	*****			89	0.53

TOTAL CONCENTRATION 311.39

SCOTT RESEARCH LABORATORIES, INC.
L.A. BASIN PROJECT CHROMATOGRAM DATA

EL MONTE

DATE 10-22
(AIRBORNE... 1600 FEET ALTITUDE)

TIME 1415 PST

PEAK	PPB	PEAK	PPB	PEAK	PPB
1	6.51	31	*****	60	*****
2	*****	32	*****	61	3.99
3	3.03	33	20.07	62	*****
4	*****	34	10.51	63	*****
5	0.72	35	*****	64	14.39
6	3.79	36	*****	65	*****
7	4.25	37	*****	66	*****
8	*****	38	*****	67	*****
9	23.71	39	*****	68	3.08
10	*****	40	*****	69	*****
11	*****	41	0.37	70	*****
12	23.94	42	*****	71	*****
13	61.50	43	*****	72	*****
14	29.33	44	*****	73	1.39
15	42.10	45	*****	74	0.33
16	26.82	46	38.58	75	*****
17	59.27	47	*****	76	*****
18	*****	48	*****	77	*****
19	*****	49	*****	78	*****
20	6.12	50	*****	79	0.61
21	13.80	51	*****	80	*****
22	10.32	52	*****	81	*****
23	3.14	53	0.31	82	1.00
24	4.18	54	0.97	83	*****
25	15.42	55	*****	84	*****
26	17.04	56	*****	85	*****
27	16.34	57	5.56	86	*****
28	5.42	58	*****	87	0.60
29	*****	59	*****	88	1.20
30	13.98			89	*****

TOTAL CONCENTRATION 493.84

SCOTT RESEARCH LABORATORIES, INC.
L.A. BASIN PROJECT CHROMATOGRAM DATA

HUNTINGTON PARK

DATE 10-23
(AIRBORNE... 1500 FEET ALTITUDE)

TIME 0749 PST

PEAK	PPB	PEAK	PPB	PEAK	PPB
1	8.12	37	0.31	74	*****
2	*****	38	*****	75	*****
3	10.96	39	0.32	76	*****
4	*****	40	1.46	77	*****
5	*****	41	*****	78	*****
6	*****	42	*****	79	*****
7	*****	43	*****	80	0.91
8	*****	44	1.52	81	0.74
9	*****	45	1.53	82	*****
10	*****	46	33.46	83	*****
11	1.00	47	1.85	84	*****
12	1.59	48	1.34	85	*****
13	3.80	49	*****	86	*****
14	1.22	50	1.62	87	*****
15	*****	51	*****	88	0.51
16	1.12	52	1.29	89	*****
17	*****	53	1.35	90	*****
18	*****	54	*****	91	*****
19	*****	55	*****	92	*****
20	*****	56	*****	93	0.21
21	8.92	57	*****	94	*****
22	4.20	58	*****	95	*****
23	*****	59	*****	96	*****
24	*****	60	*****	97	*****
25	*****	61	6.05	98	*****
26	2.45	62	*****	99	*****
27	1.29	63	*****	100	*****
28	0.23	64	23.27	101	*****
29	*****	65	*****	102	*****
30	*****	66	*****	103	*****
31	*****	67	0.31	104	*****
32	3.04	68	4.88	105	*****
33	5.16	69	0.88	106	*****
34	0.35	70	*****	107	*****
35	*****	71	*****	108	*****
36	*****	72	*****	109	1.79
		73	*****		

TOTAL CONCENTRATION 139.54

SCOTT RESEARCH LABORATORIES, INC.
L.A. BASIN PROJECT CHROMATOGRAM DATA

EL MONTE

DATE 10-23
(AIRBORNE... 1300 FEET ALTITUDE)

TIME 0845 PST

PEAK	PPB	PEAK	PPB	PEAK	PPB
1	3.92	31	3.16	60	*****
2	*****	32	*****	61	1.89
3	3.25	33	10.69	62	*****
4	*****	34	*****	63	*****
5	*****	35	*****	64	7.42
6	17.44	36	0.76	65	*****
7	*****	37	*****	66	*****
8	16.81	38	*****	67	*****
9	*****	39	*****	68	2.78
10	4.04	40	*****	69	*****
11	4.43	41	*****	70	*****
12	6.97	42	*****	71	*****
13	45.43	43	*****	72	*****
14	29.28	44	*****	73	*****
15	29.07	45	*****	74	1.06
16	22.35	46	40.55	75	*****
17	21.12	47	*****	76	*****
18	48.17	48	*****	77	*****
19	*****	49	*****	78	*****
20	9.56	50	*****	79	0.35
21	10.63	51	*****	80	*****
22	13.41	52	*****	81	*****
23	*****	53	*****	82	1.65
24	*****	54	6.09	83	*****
25	10.48	55	*****	84	*****
26	6.58	56	*****	85	*****
27	8.91	57	3.00	86	*****
28	6.57	58	*****	87	1.48
29	*****	59	*****	88	1.16
30	*****			89	0.51

TOTAL CONCENTRATION 401.09

SCOTT RESEARCH LABORATORIES, INC.
L.A. BASIN PROJECT CHROMATOGRAM DATA

EL MONTE

DATE 10-23
(AIRBORNE... 2200 FEET ALTITUDE)

TIME 0914 PST

PEAK	PPB	PEAK	PPB	PEAK	PPB
1	2.44	31	*****	60	*****
2	*****	32	1.51	61	1.47
3	3.10	33	5.10	62	*****
4	*****	34	*****	63	*****
5	*****	35	*****	64	6.60
6	*****	36	*****	65	*****
7	*****	37	*****	66	*****
8	13.39	38	*****	67	*****
9	*****	39	*****	68	2.02
10	*****	40	*****	69	*****
11	0.76	41	*****	70	*****
12	3.39	42	*****	71	*****
13	5.16	43	*****	72	*****
14	*****	44	*****	73	*****
15	*****	45	*****	74	0.38
16	1.67	46	22.38	75	*****
17	3.61	47	*****	76	*****
18	*****	48	*****	77	*****
19	*****	49	*****	78	*****
20	*****	50	*****	79	*****
21	*****	51	*****	80	*****
22	*****	52	*****	81	1.03
23	*****	53	*****	82	2.20
24	*****	54	2.18	83	*****
25	0.68	55	*****	84	*****
26	*****	56	*****	85	*****
27	*****	57	0.96	86	*****
28	*****	58	*****	87	0.61
29	*****	59	*****	88	*****
30	*****			89	*****

TOTAL CONCENTRATION 80.74

SCOTT RESEARCH LABORATORIES, INC.
L.A. BASIN PROJECT CHROMATOGRAM DATA

HUNTINGTON PARK

DATE 10-23
(AIRBORNE... 1450 FEET ALTITUDE)

TIME 1305 PST

PEAK	PPB	PEAK	PPB	PEAK	PPB
1	60.20	37	4.05	74	0.32
2	*****	38	0.36	75	*****
3	26.25	39	0.95	76	0.15
4	*****	40	1.74	77	*****
5	*****	41	1.13	78	0.36
6	*****	42	*****	79	0.24
7	0.41	43	0.20	80	0.66
8	*****	44	1.36	81	3.46
9	*****	45	1.48	82	1.53
10	*****	46	57.12	83	1.53
11	3.03	47	4.27	84	1.50
12	3.77	48	3.88	85	0.64
13	13.30	49	*****	86	1.90
14	7.58	50	1.09	87	*****
15	*****	51	*****	88	4.32
16	19.40	52	0.93	89	0.87
17	*****	53	4.08	90	*****
18	*****	54	*****	91	*****
19	*****	55	0.49	92	*****
20	*****	56	*****	93	0.85
21	18.36	57	*****	94	0.10
22	6.08	58	*****	95	*****
23	*****	59	0.40	96	*****
24	*****	60	*****	97	*****
25	25.11	61	10.18	98	*****
26	4.52	62	*****	99	0.23
27	6.69	63	*****	100	0.16
28	3.49	64	32.36	101	0.14
29	1.35	65	1.04	102	*****
30	1.08	66	0.28	103	*****
31	*****	67	*****	104	*****
32	6.42	68	10.33	105	*****
33	5.15	69	0.68	106	0.24
34	6.26	70	0.87	107	0.19
35	*****	71	*****	108	*****
36	*****	72	*****	109	1.29
		73	*****		

TOTAL CONCENTRATION 378.73

SCOTT RESEARCH LABORATORIES, INC.
L.A. BASIN PROJECT CHROMATOGRAM DATA

EL MONTE

DATE 10-23
(AIRBORNE... 1500 FEET ALTITUDE)

TIME 1401 PST

PEAK	PPB	PEAK	PPB	PEAK	PPB
1	20.40	31	5.49	60	*****
2	*****	32	*****	61	4.52
3	14.41	33	5.13	62	*****
4	*****	34	0.52	63	*****
5	*****	35	*****	64	13.98
6	*****	36	*****	65	*****
7	*****	37	0.35	66	*****
8	8.04	38	*****	67	*****
9	*****	39	*****	68	3.83
10	*****	40	0.85	69	*****
11	8.36	41	*****	70	*****
12	3.88	42	*****	71	*****
13	17.29	43	*****	72	*****
14	2.36	44	1.08	73	*****
15	0.65	45	1.05	74	0.72
16	3.07	46	40.43	75	*****
17	*****	47	*****	76	*****
18	65.72	48	*****	77	1.01
19	*****	49	*****	78	*****
20	5.22	50	0.80	79	*****
21	7.15	51	*****	80	*****
22	*****	52	*****	81	*****
23	*****	53	0.42	82	1.54
24	*****	54	1.45	83	1.53
25	*****	55	*****	84	*****
26	4.20	56	*****	85	*****
27	1.46	57	3.30	86	0.29
28	0.45	58	*****	87	0.66
29	*****	59	*****	88	1.47
30	*****			89	0.30

TOTAL CONCENTRATION 253.49

SCOTT RESEARCH LABORATORIES, INC.
L.A. BASIN PROJECT CHROMATOGRAM DATA

EL MONTE

DATE 10-23
(AIRBORNE... 1400 FEET ALTITUDE)

TIME 1405 PST

PEAK	PPB	PEAK	PPB	PEAK	PPB
1	28.12	31	1.15	60	*****
2	*****	32	17.35	61	6.92
3	5.16	33	*****	62	*****
4	*****	34	1.83	63	*****
5	*****	35	*****	64	22.30
6	*****	36	*****	65	*****
7	18.96	37	1.48	66	*****
8	19.02	38	*****	67	0.66
9	2.96	39	*****	68	7.22
10	2.62	40	0.55	69	*****
11	4.28	41	0.95	70	0.51
12	8.56	42	*****	71	*****
13	12.89	43	*****	72	*****
14	3.24	44	1.47	73	*****
15	0.57	45	1.42	74	1.73
16	6.07	46	65.98	75	*****
17	*****	47	3.61	76	*****
18	9.17	48	0.88	77	*****
19	*****	49	*****	78	*****
20	1.05	50	1.21	79	0.32
21	0.57	51	*****	80	0.52
22	0.31	52	*****	81	2.97
23	*****	53	1.33	82	4.02
24	*****	54	5.38	83	0.53
25	*****	55	*****	84	*****
26	7.03	56	*****	85	0.24
27	2.76	57	*****	86	0.25
28	1.28	58	*****	87	0.49
29	*****	59	0.32	88	3.20
30	*****			89	3.77

TOTAL CONCENTRATION 295.38

SCOTT RESEARCH LABORATORIES, INC.
L.A. BASIN PROJECT CHROMATOGRAM DATA

HUNTINGTON PARK

DATE 10-24
(AIRBORNE... 1500 FEET ALTITUDE)

TIME 0818 PST

PEAK	PPB	PEAK	PPB	PEAK	PPB
1	3.04	37	0.31	74	0.10
2	*****	38	*****	75	*****
3	0.63	39	*****	76	*****
4	*****	40	3.42	77	0.13
5	*****	41	*****	78	*****
6	*****	42	*****	79	*****
7	*****	43	*****	80	0.18
8	*****	44	3.66	81	0.80
9	*****	45	5.30	82	*****
10	*****	46	46.69	83	1.19
11	*****	47	2.67	84	*****
12	0.29	48	1.61	85	*****
13	1.63	49	*****	86	*****
14	1.16	50	3.42	87	*****
15	*****	51	*****	88	1.15
16	5.18	52	1.71	89	0.40
17	*****	53	1.34	90	*****
18	*****	54	*****	91	*****
19	*****	55	*****	92	*****
20	*****	56	0.72	93	0.20
21	0.60	57	*****	94	*****
22	2.49	58	1.74	95	0.22
23	*****	59	0.42	96	*****
24	*****	60	*****	97	*****
25	10.47	61	10.53	98	*****
26	*****	62	*****	99	*****
27	1.35	63	*****	100	*****
28	*****	64	34.83	101	*****
29	*****	65	*****	102	0.34
30	*****	66	0.70	103	*****
31	*****	67	*****	104	*****
32	6.01	68	8.40	105	*****
33	7.24	69	1.13	106	*****
34	2.93	70	*****	107	0.14
35	*****	71	*****	108	*****
36	*****	72	*****	109	0.68
		73	*****		

TOTAL CONCENTRATION 177.75

SCOTT RESEARCH LABORATORIES, INC.
L.A. BASIN PROJECT CHROMATOGRAM DATA

HUNTINGTON PARK

DATE 10-24
(AIRBORNE... 1500 FEET ALTITUDE)

TIME 0843 PST

PEAK	PPR	PEAK	PPB	PEAK	PPB
1	*****	37	*****	74	*****
2	*****	38	*****	75	*****
3	*****	39	*****	76	*****
4	*****	40	0.75	77	*****
5	*****	41	*****	78	*****
6	*****	42	*****	79	0.15
7	*****	43	*****	80	0.26
8	*****	44	0.21	81	0.34
9	*****	45	0.39	82	*****
10	*****	46	9.53	83	*****
11	*****	47	*****	84	*****
12	*****	48	*****	85	*****
13	*****	49	*****	86	*****
14	*****	50	*****	87	*****
15	*****	51	*****	88	0.72
16	*****	52	1.74	89	*****
17	*****	53	0.14	90	*****
18	*****	54	*****	91	*****
19	*****	55	*****	92	*****
20	*****	56	*****	93	0.13
21	*****	57	*****	94	*****
22	*****	58	*****	95	*****
23	17.54	59	*****	96	*****
24	*****	60	*****	97	*****
25	*****	61	1.54	98	*****
26	*****	62	*****	99	*****
27	*****	63	*****	100	*****
28	*****	64	8.19	101	*****
29	*****	65	*****	102	*****
30	*****	66	*****	103	*****
31	*****	67	0.35	104	*****
32	1.21	68	2.14	105	*****
33	6.11	69	0.89	106	*****
34	2.99	70	*****	107	*****
35	*****	71	*****	108	*****
36	*****	72	*****	109	1.12
		73	*****		

TOTAL CONCENTRATION 56.54

SCOTT RESEARCH LABORATORIES, INC.
L.A. BASIN PROJECT CHROMATOGRAM DATA

EL MONTE

DATE 10-24
(AIRBORNE... 1300 FEET ALTITUDE)

TIME 0902 PST

PEAK	PPB	PEAK	PPB	PEAK	PPB
1	*****	31	0.68	60	*****
2	*****	32	*****	61	1.70
3	*****	33	1.65	62	*****
4	*****	34	*****	63	*****
5	*****	35	*****	64	7.72
6	*****	36	*****	65	*****
7	*****	37	*****	66	*****
8	*****	38	*****	67	*****
9	*****	39	*****	68	1.56
10	*****	40	*****	69	*****
11	*****	41	*****	70	*****
12	0.42	42	*****	71	*****
13	*****	43	*****	72	*****
14	*****	44	*****	73	*****
15	*****	45	*****	74	*****
16	*****	46	21.32	75	*****
17	*****	47	*****	76	*****
18	*****	48	*****	77	*****
19	*****	49	*****	78	*****
20	*****	50	*****	79	*****
21	*****	51	*****	80	*****
22	*****	52	*****	81	0.97
23	*****	53	*****	82	1.70
24	*****	54	1.83	83	*****
25	*****	55	*****	84	*****
26	*****	56	*****	85	*****
27	*****	57	1.48	86	*****
28	*****	58	*****	87	*****
29	*****	59	*****	88	*****
30	*****			89	1.01

TOTAL CONCENTRATION 42.10

SCOTT RESEARCH LABORATORIES, INC.
L.A. BASIN PROJECT CHROMATOGRAM DATA

EL MONTE

DATE 10-24
(AIRBORNE... 1500 FEET ALTITUDE)

TIME 1241 PST

PEAK	PPB	PEAK	PPB	PEAK	PPB
1	9.09	31	11.15	60	*****
2	*****	32	1.73	61	10.15
3	13.48	33	20.85	62	*****
4	*****	34	*****	63	25.37
5	*****	35	*****	64	25.67
6	28.95	36	13.55	65	*****
7	*****	37	6.01	66	*****
8	23.62	38	*****	67	*****
9	*****	39	*****	68	*****
10	*****	40	*****	69	14.49
11	6.58	41	*****	70	11.81
12	9.55	42	*****	71	*****
13	38.07	43	*****	72	*****
14	20.60	44	*****	73	*****
15	5.49	45	*****	74	*****
16	*****	46	37.23	75	*****
17	48.13	47	*****	76	33.09
18	*****	48	4.24	77	*****
19	*****	49	5.81	78	*****
20	*****	50	3.96	79	*****
21	10.43	51	*****	80	*****
22	*****	52	*****	81	43.73
23	3.23	53	*****	82	11.88
24	*****	54	*****	83	*****
25	*****	55	26.94	84	14.40
26	20.18	56	*****	85	5.65
27	*****	57	*****	86	*****
28	*****	58	21.13	87	*****
29	*****	59	*****	88	43.92
30	21.28			89	*****

TOTAL CONCENTRATION 615.71

SCOTT RESEARCH LABORATORIES, INC.
L.A. BASIN PROJECT CHROMATOGRAM DATA

HUNTINGTON PARK

DATE 10-25
(AIRBORNE... 2600 FEET ALTITUDE)

TIME 0840 PST

PEAK	PPB	PEAK	PPB	PEAK	PPB
1	3.21	37	*****	74	*****
2	*****	38	*****	75	*****
3	0.45	39	*****	76	*****
4	*****	40	1.67	77	*****
5	*****	41	*****	78	*****
6	*****	42	*****	79	*****
7	*****	43	*****	80	*****
8	*****	44	0.90	81	0.30
9	*****	45	0.67	82	*****
10	*****	46	*****	83	*****
11	*****	47	1.08	84	*****
12	0.14	48	0.39	85	*****
13	1.11	49	*****	86	*****
14	1.16	50	0.62	87	*****
15	*****	51	*****	88	0.64
16	5.33	52	1.30	89	*****
17	*****	53	0.44	90	*****
18	*****	54	*****	91	*****
19	*****	55	*****	92	*****
20	*****	56	*****	93	*****
21	0.32	57	*****	94	0.12
22	1.59	58	*****	95	*****
23	*****	59	*****	96	*****
24	*****	60	*****	97	*****
25	*****	61	*****	98	*****
26	*****	62	*****	99	*****
27	0.71	63	*****	100	*****
28	*****	64	17.91	101	*****
29	*****	65	*****	102	*****
30	*****	66	0.16	103	*****
31	*****	67	0.40	104	*****
32	2.40	68	3.68	105	*****
33	6.27	69	0.87	106	*****
34	*****	70	*****	107	*****
35	*****	71	*****	108	*****
36	*****	72	*****	109	1.26
		73	*****		

TOTAL CONCENTRATION 55.18

SCOTT RESEARCH LABORATORIES, INC.
L.A. BASIN PROJECT CHROMATOGRAM DATA

EL MONTE

DATE 10-25
(AIRBORNE... 1500 FEET ALTITUDE)

TIME 0849 PST

PEAK	PPB	PEAK	PPB	PEAK	PPB
1	11.29	31	*****	60	*****
2	*****	32	*****	61	*****
3	9.58	33	*****	62	*****
4	*****	34	*****	63	*****
5	*****	35	*****	64	*****
6	*****	36	*****	65	*****
7	41.52	37	*****	66	*****
8	30.21	38	*****	67	*****
9	*****	39	*****	68	*****
10	*****	40	*****	69	*****
11	*****	41	*****	70	*****
12	37.83	42	*****	71	*****
13	28.62	43	*****	72	*****
14	16.32	44	*****	73	*****
15	13.83	45	*****	74	*****
16	9.65	46	*****	75	*****
17	*****	47	*****	76	*****
18	18.52	48	*****	77	*****
19	6.58	49	*****	78	*****
20	*****	50	*****	79	*****
21	13.43	51	*****	80	*****
22	*****	52	*****	81	*****
23	4.89	53	*****	82	*****
24	1.04	54	*****	83	*****
25	*****	55	*****	84	*****
26	*****	56	*****	85	*****
27	*****	57	*****	86	*****
28	*****	58	*****	87	*****
29	*****	59	*****	88	*****
30	*****			89	*****

TOTAL CONCENTRATION 243.33

SCOTT RESEARCH LABORATORIES, INC.
L.A. BASIN PROJECT CHROMATOGRAM DATA

EL MONTE

DATE 10-25
(AIRBORNE... 1000 FEET ALTITUDE)

TIME 0927 PST

PEAK	PPB	PEAK	PPB	PEAK	PPB
1	1.25	31	*****	60	*****
2	*****	32	0.39	61	1.85
3	*****	33	4.89	62	*****
4	*****	34	*****	63	*****
5	*****	35	*****	64	7.24
6	0.83	36	0.64	65	*****
7	19.13	37	*****	66	*****
8	*****	38	*****	67	*****
9	*****	39	*****	68	2.48
10	*****	40	*****	69	*****
11	*****	41	*****	70	*****
12	*****	42	*****	71	*****
13	2.24	43	*****	72	*****
14	*****	44	*****	73	*****
15	*****	45	*****	74	0.53
16	*****	46	29.84	75	*****
17	*****	47	*****	76	*****
18	0.37	48	*****	77	*****
19	*****	49	*****	78	*****
20	*****	50	*****	79	*****
21	0.49	51	*****	80	*****
22	*****	52	*****	81	2.19
23	*****	53	*****	82	3.80
24	*****	54	1.85	83	*****
25	*****	55	*****	84	*****
26	1.43	56	*****	85	*****
27	*****	57	3.06	86	*****
28	*****	58	*****	87	0.59
29	*****	59	*****	88	2.44
30	*****			89	*****

TOTAL CONCENTRATION 87.58

SCOTT RESEARCH LABORATORIES, INC.
L.A. BASIN PROJECT CHROMATOGRAM DATA

HUNTINGTON PARK

DATE 10-25
(AIRBORNE... 1000 FEET ALTITUDE)

TIME 1020 PST

PEAK	PPB	PEAK	PPB	PEAK	PPB
1	11.73	37	0.60	74	0.19
2	*****	38	*****	75	*****
3	8.66	39	*****	76	*****
4	*****	40	3.30	77	*****
5	*****	41	*****	78	*****
6	*****	42	*****	79	*****
7	*****	43	*****	80	0.99
8	*****	44	3.63	81	3.60
9	*****	45	5.14	82	1.50
10	*****	46	25.88	83	0.61
11	0.69	47	2.22	84	2.13
12	2.93	48	1.80	85	*****
13	7.54	49	*****	86	1.92
14	2.23	50	3.00	87	*****
15	*****	51	*****	88	7.26
16	2.38	52	0.93	89	0.74
17	*****	53	1.04	90	*****
18	*****	54	*****	91	*****
19	*****	55	*****	92	*****
20	*****	56	0.52	93	0.11
21	*****	57	*****	94	*****
22	3.10	58	*****	95	0.62
23	*****	59	1.67	96	*****
24	*****	60	*****	97	*****
25	*****	61	8.68	98	*****
26	2.37	62	*****	99	0.32
27	1.92	63	*****	100	0.18
28	0.26	64	26.94	101	0.38
29	*****	65	*****	102	*****
30	0.13	66	*****	103	*****
31	*****	67	0.27	104	*****
32	7.40	68	10.06	105	*****
33	8.09	69	0.71	106	0.92
34	3.14	70	*****	107	0.71
35	*****	71	0.10	108	*****
36	*****	72	*****	109	*****
		73	*****		

TOTAL CONCENTRATION 181.50

SCOTT RESEARCH LABORATORIES, INC.
L.A. BASIN PROJECT CHROMATOGRAM DATA

EL MONTE

DATE 10-25
(AIRBORNE... 500 FEET ALTITUDE)

TIME 1020 PST

PEAK	PPB	PEAK	PPB	PEAK	PPB
1	6.18	31	2.93	60	*****
2	*****	32	2.81	61	2.80
3	5.27	33	8.45	62	*****
4	*****	34	*****	63	*****
5	*****	35	*****	64	10.45
6	23.71	36	*****	65	*****
7	*****	37	*****	66	*****
8	8.92	38	*****	67	0.32
9	*****	39	*****	68	3.29
10	*****	40	*****	69	*****
11	*****	41	*****	70	*****
12	7.19	42	*****	71	*****
13	16.22	43	*****	72	*****
14	8.92	44	0.29	73	*****
15	1.61	45	0.40	74	*****
16	3.43	46	36.26	75	*****
17	*****	47	*****	76	*****
18	6.71	48	0.67	77	*****
19	*****	49	*****	78	*****
20	*****	50	*****	79	*****
21	1.15	51	*****	80	*****
22	*****	52	*****	81	1.80
23	*****	53	*****	82	1.99
24	*****	54	1.11	83	*****
25	*****	55	*****	84	*****
26	1.68	56	*****	85	*****
27	*****	57	1.32	86	*****
28	*****	58	*****	87	*****
29	*****	59	*****	88	1.43
30	*****			89	*****

TOTAL CONCENTRATION 167.41

SCOTT RESEARCH LABORATORIES, INC.

L.A. BASIN PROJECT CHROMATOGRAM DATA

HUNTINGTON PARK

DATE 10-25
(AIRBORNE... 1300 FEET ALTITUDE)

TIME 1104 PST

PEAK	PPB	PEAK	PPB	PEAK	PPB
1	15.02	37	1.10	74	*****
2	*****	38	*****	75	*****
3	2.59	39	*****	76	*****
4	*****	40	3.85	77	*****
5	*****	41	*****	78	*****
6	*****	42	*****	79	*****
7	0.81	43	*****	80	0.41
8	*****	44	3.29	81	1.99
9	*****	45	4.30	82	0.67
10	*****	46	31.24	83	0.57
11	0.43	47	2.15	84	0.69
12	3.01	48	0.99	85	*****
13	6.71	49	*****	86	0.71
14	3.71	50	2.50	87	*****
15	*****	51	*****	88	4.53
16	7.87	52	1.49	89	0.60
17	*****	53	0.93	90	*****
18	*****	54	*****	91	*****
19	*****	55	*****	92	*****
20	*****	56	0.26	93	0.94
21	2.00	57	*****	94	*****
22	2.50	58	*****	95	0.34
23	*****	59	1.28	96	*****
24	*****	60	*****	97	0.15
25	13.42	61	5.24	98	*****
26	0.72	62	*****	99	0.17
27	2.65	63	*****	100	*****
28	0.42	64	22.93	101	0.23
29	*****	65	*****	102	*****
30	*****	66	0.36	103	*****
31	*****	67	*****	104	*****
32	8.26	68	7.23	105	*****
33	4.99	69	1.12	106	0.36
34	5.34	70	*****	107	0.28
35	*****	71	*****	108	*****
36	*****	72	*****	109	*****
		73	*****		

TOTAL CONCENTRATION 183.61

SCOTT RESEARCH LABORATORIES, INC.

L.A. BASIN PROJECT CHROMATOGRAM DATA

HUNTINGTON PARK

DATE 10-25
(AIRBORNE... 1700 FEET ALTITUDE)

TIME 1417 PST

PEAK	PPB	PEAK	PPB	PEAK	PPB
1	5.14	37	0.23	74	0.30
2	*****	38	*****	75	*****
3	2.17	39	*****	76	*****
4	*****	40	2.15	77	0.31
5	*****	41	*****	78	*****
6	*****	42	*****	79	*****
7	*****	43	*****	80	1.21
8	*****	44	2.13	81	5.65
9	7.64	45	3.25	82	2.31
10	*****	46	46.85	83	1.03
11	*****	47	2.42	84	3.80
12	0.17	48	1.72	85	*****
13	1.54	49	*****	86	3.35
14	*****	50	1.86	87	*****
15	*****	51	*****	88	10.83
16	1.23	52	0.89	89	1.03
17	*****	53	1.01	90	*****
18	*****	54	*****	91	*****
19	*****	55	*****	92	*****
20	*****	56	*****	93	0.17
21	*****	57	*****	94	*****
22	*****	58	*****	95	0.94
23	9.82	59	2.49	96	*****
24	*****	60	*****	97	*****
25	*****	61	20.79	98	*****
26	2.00	62	*****	99	0.43
27	1.12	63	*****	100	*****
28	0.15	64	47.92	101	0.65
29	*****	65	0.23	102	*****
30	*****	66	*****	103	*****
31	*****	67	*****	104	*****
32	3.32	68	16.63	105	*****
33	6.91	69	0.53	106	0.95
34	*****	70	*****	107	0.76
35	*****	71	0.28	108	*****
36	*****	72	*****	109	*****
		73	*****		

TOTAL CONCENTRATION 226.48

SCOTT RESEARCH LABORATORIES, INC.
L.A. BASIN PROJECT CHROMATOGRAM DATA

EL MONTE

DATE 10-25
(AIRBORNE... 1400 FEET ALTITUDE)

TIME 1459 PST

PEAK	PPB	PEAK	PPB	PEAK	PPB
1	22.53	31	*****	60	7.98
2	*****	32	50.51	61	52.13
3	30.11	33	*****	62	*****
4	*****	34	21.40	63	*****
5	7.11	35	*****	64	129.30
6	11.81	36	11.40	65	9.52
7	*****	37	8.96	66	12.61
8	*****	38	5.74	67	8.41
9	*****	39	*****	68	47.02
10	*****	40	26.82	69	*****
11	67.75	41	*****	70	*****
12	29.77	42	6.08	71	16.02
13	73.11	43	6.58	72	*****
14	34.79	44	20.95	73	*****
15	*****	45	31.41	74	15.14
16	41.32	46	111.89	75	*****
17	89.16	47	18.39	76	*****
18	*****	48	19.93	77	*****
19	*****	49	*****	78	24.51
20	10.61	50	27.47	79	12.96
21	36.62	51	*****	80	13.19
22	10.29	52	17.78	81	21.34
23	11.39	53	11.85	82	*****
24	*****	54	5.55	83	14.97
25	8.73	55	8.73	84	6.76
26	9.42	56	12.56	85	5.38
27	18.00	57	10.52	86	19.47
28	5.82	58	9.96	87	18.87
29	3.88	59	18.06	88	14.61
30	*****			89	17.89

TOTAL CONCENTRATION 1453.14

SCOTT RESEARCH LABORATORIES, INC.
L.A. BASIN PROJECT CHROMATOGRAM DATA

EL MONTE

DATE 10-25
(AIRBORNE... 1800 FEET ALTITUDE)

TIME 1518 PST

PEAK	PPB	PEAK	PPB	PEAK	PPB
1	*****	31	*****	60	*****
2	*****	32	4.89	61	1.82
3	3.67	33	4.06	62	*****
4	*****	34	*****	63	*****
5	*****	35	*****	64	6.96
6	*****	36	*****	65	*****
7	*****	37	*****	66	*****
8	4.80	38	*****	67	*****
9	*****	39	*****	68	2.18
10	16.73	40	*****	69	*****
11	10.00	41	0.77	70	*****
12	13.08	42	*****	71	*****
13	18.05	43	*****	72	*****
14	17.54	44	1.56	73	*****
15	*****	45	2.06	74	0.24
16	22.80	46	16.40	75	*****
17	16.02	47	*****	76	*****
18	*****	48	0.34	77	*****
19	33.14	49	*****	78	*****
20	*****	50	1.75	79	*****
21	8.39	51	*****	80	*****
22	10.99	52	*****	81	3.30
23	9.06	53	0.50	82	*****
24	2.20	54	0.57	83	*****
25	*****	55	*****	84	*****
26	2.27	56	*****	85	*****
27	0.65	57	0.40	86	0.49
28	*****	58	*****	87	*****
29	*****	59	*****	88	1.94
30	*****			89	*****

TOTAL CONCENTRATION 239.70

SCOTT RESEARCH LABORATORIES, INC.

L.A. BASIN PROJECT CHROMATOGRAM DATA

HUNTINGTON PARK

DATE 10-28
(AIRBORNE... 2200 FEET ALTITUDE)

TIME 0926 PST

PEAK	PPB	PEAK	PPB	PEAK	PPB
1	*****	37	*****	74	*****
2	*****	38	*****	75	*****
3	*****	39	*****	76	*****
4	*****	40	*****	77	*****
5	*****	41	0.74	78	*****
6	*****	42	*****	79	*****
7	*****	43	0.32	80	*****
8	*****	44	*****	81	*****
9	*****	45	0.51	82	0.32
10	*****	46	5.31	83	*****
11	*****	47	*****	84	*****
12	*****	48	*****	85	*****
13	*****	49	*****	86	*****
14	*****	50	0.12	87	*****
15	*****	51	*****	88	0.45
16	*****	52	0.84	89	0.40
17	*****	53	0.14	90	*****
18	*****	54	*****	91	*****
19	*****	55	*****	92	*****
20	*****	56	*****	93	*****
21	*****	57	*****	94	*****
22	*****	58	*****	95	*****
23	*****	59	*****	96	*****
24	9.54	60	*****	97	*****
25	*****	61	1.61	98	*****
26	*****	62	*****	99	*****
27	*****	63	*****	100	*****
28	*****	64	4.53	101	*****
29	*****	65	*****	102	*****
30	*****	66	*****	103	*****
31	*****	67	0.21	104	*****
32	0.75	68	1.12	105	*****
33	4.95	69	0.43	106	*****
34	*****	70	*****	107	*****
35	*****	71	*****	108	*****
36	*****	72	*****	109	*****
		73	*****		

TOTAL CONCENTRATION

32.37

SCOTT RESEARCH LABORATORIES, INC.
L.A. BASIN PROJECT CHROMATOGRAM DATA

EL MONTE

DATE 10-28
(AIRBORNE... 1200 FEET ALTITUDE)

TIME 0950 PST

PEAK	PPB	PEAK	PPB	PEAK	PPB
1	4.65	31	17.91	60	*****
2	*****	32	*****	61	2.70
3	17.40	33	12.50	62	*****
4	*****	34	5.94	63	*****
5	*****	35	10.16	64	12.88
6	*****	36	7.12	65	*****
7	42.40	37	*****	66	*****
8	*****	38	*****	67	*****
9	*****	39	*****	68	0.36
10	*****	40	*****	69	3.29
11	42.82	41	*****	70	*****
12	24.17	42	*****	71	*****
13	30.14	43	*****	72	*****
14	36.11	44	0.43	73	*****
15	12.34	45	1.04	74	*****
16	25.88	46	13.07	75	*****
17	*****	47	*****	76	*****
18	58.11	48	0.46	77	*****
19	*****	49	*****	78	*****
20	8.41	50	1.10	79	*****
21	16.40	51	*****	80	*****
22	12.04	52	1.24	81	4.26
23	6.69	53	*****	82	*****
24	*****	54	*****	83	*****
25	*****	55	*****	84	*****
26	22.67	56	*****	85	*****
27	12.88	57	2.56	86	0.82
28	8.12	58	*****	87	*****
29	*****	59	*****	88	4.19
30	*****			89	*****

TOTAL CONCENTRATION 483.41

SCOTT RESEARCH LABORATORIES, INC.
L.A. BASIN PROJECT CHROMATOGRAM DATA

EL MONTE

DATE 10-28
(AIRBORNE... 1600 FEET ALTITUDE)

TIME 0952 PST

PEAK	PPB	PEAK	PPB	PEAK	PPB
1	10.28	31	17.07	60	*****
2	*****	32	*****	61	3.08
3	5.46	33	11.59	62	*****
4	*****	34	6.27	63	*****
5	*****	35	8.06	64	13.09
6	*****	36	9.12	65	*****
7	*****	37	*****	66	*****
8	39.13	38	9.66	67	*****
9	*****	39	5.46	68	0.26
10	*****	40	*****	69	*****
11	27.99	41	*****	70	*****
12	7.86	42	*****	71	*****
13	15.85	43	*****	72	*****
14	*****	44	*****	73	*****
15	*****	45	0.70	74	*****
16	24.78	46	10.89	75	*****
17	20.21	47	*****	76	*****
18	58.90	48	0.81	77	*****
19	*****	49	*****	78	*****
20	*****	50	0.50	79	*****
21	11.33	51	*****	80	*****
22	14.11	52	0.81	81	3.49
23	*****	53	*****	82	*****
24	12.63	54	*****	83	*****
25	*****	55	*****	84	*****
26	23.02	56	*****	85	*****
27	12.84	57	2.23	86	0.66
28	7.48	58	*****	87	*****
29	*****	59	*****	88	3.71
30	*****			89	*****

TOTAL CONCENTRATION 399.46

SCOTT RESEARCH LABORATORIES, INC.
L.A. BASIN PROJECT CHROMATOGRAM DATA

HUNTINGTON PARK

DATE 10-28
(AIRBORNE... 1500 FEET ALTITUDE)

TIME 1435 PST

PEAK	PPB	PEAK	PPB	PEAK	PPB
1	15.25	37	0.80	74	*****
2	*****	38	*****	75	*****
3	7.89	39	*****	76	*****
4	*****	40	1.09	77	*****
5	*****	41	*****	78	*****
6	*****	42	*****	79	*****
7	*****	43	*****	80	*****
8	*****	44	0.29	81	1.01
9	*****	45	0.15	82	*****
10	*****	46	15.94	83	0.14
11	*****	47	1.19	84	*****
12	*****	48	0.64	85	*****
13	2.75	49	*****	86	*****
14	2.09	50	0.18	87	*****
15	*****	51	*****	88	1.06
16	10.07	52	0.64	89	0.55
17	*****	53	1.10	90	*****
18	*****	54	*****	91	*****
19	*****	55	*****	92	*****
20	*****	56	*****	93	*****
21	8.44	57	*****	94	*****
22	2.14	58	*****	95	*****
23	*****	59	*****	96	*****
24	*****	60	4.02	97	*****
25	*****	61	2.46	98	*****
26	1.72	62	*****	99	*****
27	1.71	63	*****	100	*****
28	0.72	64	8.97	101	*****
29	*****	65	*****	102	*****
30	*****	66	*****	103	*****
31	*****	67	*****	104	*****
32	1.57	68	2.56	105	*****
33	5.07	69	0.34	106	*****
34	0.64	70	*****	107	*****
35	*****	71	0.12	108	*****
36	*****	72	*****	109	*****
		73	*****		

TOTAL CONCENTRATION 103.47

SCOTT RESEARCH LABORATORIES, INC.
L.A. BASIN PROJECT CHROMATOGRAM DATA

EL MONTE

DATE 10-28
(AIRBORNE... 1500 FEET ALTITUDE)

TIME 1527 PST

PEAK	PPB	PEAK	PPB	PEAK	PPB
1	30.28	31	4.25	60	*****
2	*****	32	3.39	61	4.25
3	15.34	33	4.21	62	*****
4	*****	34	4.47	63	*****
5	*****	35	*****	64	13.67
6	*****	36	*****	65	*****
7	*****	37	3.24	66	*****
8	2.70	38	*****	67	0.56
9	*****	39	*****	68	5.14
10	*****	40	1.90	69	*****
11	0.61	41	*****	70	0.50
12	0.90	42	*****	71	*****
13	9.00	43	0.31	72	*****
14	14.42	44	1.08	73	*****
15	*****	45	1.20	74	0.48
16	21.05	46	27.48	75	*****
17	21.89	47	2.84	76	*****
18	*****	48	1.38	77	*****
19	*****	49	*****	78	*****
20	*****	50	1.06	79	*****
21	38.81	51	*****	80	0.23
22	6.32	52	*****	81	2.47
23	2.55	53	1.72	82	1.23
24	1.42	54	*****	83	*****
25	*****	55	*****	84	*****
26	8.37	56	*****	85	*****
27	3.55	57	3.38	86	0.76
28	1.86	58	*****	87	*****
29	0.47	59	0.41	88	4.36
30	0.32			89	0.61

TOTAL CONCENTRATION 276.64

SCOTT RESEARCH LABORATORIES, INC.
L.A. BASIN PROJECT CHROMATOGRAM DATA

HUNTINGTON PARK

DATE 11-01
(AIRBORNE... 1500 FEET ALTITUDE)

TIME 1355 PST

PEAK	PPB	PEAK	PPB	PEAK	PPB
1	7.63	37	0.42	74	*****
2	*****	38	*****	75	*****
3	4.02	39	*****	76	*****
4	*****	40	1.34	77	*****
5	*****	41	*****	78	*****
6	*****	42	*****	79	0.39
7	*****	43	*****	80	*****
8	*****	44	1.08	81	1.03
9	*****	45	1.59	82	*****
10	*****	46	24.69	83	1.01
11	*****	47	1.80	84	0.11
12	3.12	48	0.78	85	*****
13	2.35	49	*****	86	*****
14	0.84	50	0.95	87	0.15
15	*****	51	*****	88	0.85
16	3.26	52	1.40	89	1.70
17	*****	53	1.24	90	*****
18	*****	54	*****	91	*****
19	*****	55	*****	92	*****
20	0.95	56	*****	93	0.26
21	*****	57	*****	94	*****
22	0.11	58	*****	95	0.16
23	*****	59	*****	96	*****
24	0.38	60	*****	97	*****
25	*****	61	5.64	98	*****
26	*****	62	*****	99	*****
27	1.17	63	*****	100	*****
28	0.21	64	15.59	101	*****
29	*****	65	*****	102	0.22
30	*****	66	0.17	103	*****
31	*****	67	*****	104	0.11
32	2.02	68	4.95	105	*****
33	3.91	69	0.83	106	*****
34	2.37	70	0.10	107	0.11
35	*****	71	*****	108	*****
36	*****	72	*****	109	*****
		73	*****		

TOTAL CONCENTRATION 101.16

SCOTT RESEARCH LABORATORIES, INC.
L.A. PASIN PROJECT CHROMATOGRAM DATA

EL MONTE

DATE 11-01
(AIRBORNE... 1500 FEET ALTITUDE)

TIME 1435 PST

PEAK	PPB	PEAK	PPB	PEAK	PPB
1	11.10	31	1.99	60	*****
2	*****	32	*****	61	2.36
3	5.35	33	1.68	62	*****
4	*****	34	*****	63	*****
5	*****	35	*****	64	5.73
6	*****	36	*****	65	*****
7	*****	37	0.52	66	*****
8	*****	38	*****	67	*****
9	*****	39	*****	68	1.94
10	*****	40	*****	69	*****
11	*****	41	*****	70	*****
12	*****	42	*****	71	*****
13	4.48	43	*****	72	*****
14	1.38	44	*****	73	*****
15	*****	45	*****	74	*****
16	3.16	46	8.18	75	*****
17	*****	47	*****	76	*****
18	*****	48	*****	77	*****
19	*****	49	*****	78	*****
20	*****	50	*****	79	*****
21	2.31	51	*****	80	*****
22	*****	52	*****	81	1.53
23	*****	53	0.32	82	*****
24	*****	54	*****	83	*****
25	*****	55	*****	84	*****
26	2.43	56	*****	85	*****
27	0.93	57	4.76	86	0.95
28	0.39	58	*****	87	*****
29	*****	59	*****	88	7.16
30	*****			89	*****

TOTAL CONCENTRATION 68.74

SCOTT RESEARCH LABORATORIES, INC.
L.A. BASIN PROJECT CHROMATOGRAM DATA

HUNTINGTON PARK

DATE 11-06
(AIRBORNE... 1500 FEET ALTITUDE)

TIME 1410 PST

PEAK	PPB	PEAK	PPB	PEAK	PPB
1	17.44	37	0.73	74	*****
2	*****	38	*****	75	*****
3	6.91	39	*****	76	*****
4	*****	40	1.37	77	*****
5	*****	41	*****	78	*****
6	*****	42	*****	79	*****
7	*****	43	*****	80	0.29
8	*****	44	0.23	81	1.28
9	*****	45	0.32	82	*****
10	*****	46	11.62	83	0.29
11	0.91	47	1.89	84	*****
12	0.27	48	0.89	85	*****
13	2.80	49	*****	86	0.14
14	1.61	50	0.16	87	0.19
15	*****	51	*****	88	0.84
16	3.64	52	1.06	89	0.96
17	*****	53	1.56	90	*****
18	*****	54	*****	91	*****
19	*****	55	*****	92	*****
20	*****	56	*****	93	0.13
21	1.27	57	*****	94	*****
22	*****	58	*****	95	*****
23	3.65	59	*****	96	*****
24	15.97	60	*****	97	*****
25	*****	61	1.91	98	*****
26	2.58	62	*****	99	*****
27	1.97	63	*****	100	*****
28	*****	64	7.94	101	*****
29	*****	65	*****	102	*****
30	*****	66	*****	103	*****
31	1.33	67	*****	104	*****
32	*****	68	2.60	105	*****
33	3.00	69	0.55	106	*****
34	4.32	70	0.20	107	*****
35	*****	71	*****	108	*****
36	*****	72	*****	109	0.17
		73	*****		

TOTAL CONCENTRATION 105.16

SCOTT RESEARCH LABORATORIES, INC.
L.A. BASIN PROJECT CHROMATOGRAM DATA

EL MONTE

DATE 11-06
(AIRBORNE... 1500 FEET ALTITUDE)

TIME 1513 PST

PEAK	PPR	PEAK	PPB	PEAK	PPB
1	5.65	31	*****	60	*****
2	*****	32	*****	61	2.47
3	2.66	33	1.24	62	*****
4	*****	34	0.67	63	*****
5	*****	35	*****	64	7.18
6	*****	36	*****	65	*****
7	*****	37	0.50	66	*****
8	*****	38	*****	67	0.35
9	*****	39	*****	68	2.36
10	*****	40	*****	69	*****
11	*****	41	*****	70	*****
12	*****	42	*****	71	*****
13	1.78	43	*****	72	*****
14	*****	44	*****	73	*****
15	*****	45	*****	74	0.26
16	7.38	46	10.75	75	*****
17	*****	47	*****	76	*****
18	8.42	48	*****	77	*****
19	*****	49	1.03	78	*****
20	*****	50	*****	79	*****
21	3.14	51	*****	80	*****
22	*****	52	1.92	81	3.47
23	*****	53	*****	82	*****
24	1.68	54	*****	83	*****
25	*****	55	*****	84	0.23
26	1.31	56	*****	85	*****
27	0.33	57	*****	86	0.97
28	*****	58	*****	87	*****
29	*****	59	*****	88	8.29
30	*****			89	*****

TOTAL CONCENTRATION 74.14

SCOTT RESEARCH LABORATORIES, INC.
L.A. BASIN PROJECT CHROMATOGRAM DATA

EL MONTE

DATE 11-06
(AIRBORNE... 1400 FEET ALTITUDE)

TIME 1516 PST

PEAK	PPB	PEAK	PPB	PEAK	PPB
1	25.17	31	8.56	60	*****
2	*****	32	*****	61	7.83
3	11.82	33	1.26	62	*****
4	*****	34	2.86	63	*****
5	*****	35	*****	64	26.18
6	*****	36	0.34	65	*****
7	*****	37	3.05	66	*****
8	*****	38	*****	67	0.51
9	*****	39	*****	68	6.54
10	*****	40	*****	69	*****
11	0.66	41	2.72	70	0.79
12	2.95	42	*****	71	*****
13	10.99	43	*****	72	*****
14	28.65	44	2.43	73	*****
15	3.79	45	2.22	74	0.46
16	23.73	46	63.93	75	*****
17	*****	47	6.37	76	*****
18	11.30	48	4.38	77	*****
19	*****	49	*****	78	*****
20	18.63	50	1.62	79	*****
21	12.27	51	*****	80	*****
22	12.24	52	1.82	81	2.04
23	*****	53	2.16	82	1.27
24	3.80	54	*****	83	*****
25	*****	55	*****	84	*****
26	8.05	56	*****	85	*****
27	5.03	57	*****	86	0.84
28	1.85	58	0.44	87	*****
29	*****	59	0.57	88	5.97
30	*****			89	0.32

TOTAL CONCENTRATION 338.58

SCOTT RESEARCH LABORATORIES, INC.
L.A. BASIN PROJECT CHROMATOGRAM DATA

HUNTINGTON PARK

DATE 11-08
(AIRBORNE... 1500 FEET ALTITUDE)

TIME 1327 PST

PEAK	PPB	PEAK	PPB	PEAK	PPB
1	24.15	37	1.72	74	*****
2	*****	38	*****	75	0.61
3	10.24	39	0.13	76	*****
4	*****	40	1.81	77	0.37
5	*****	41	*****	78	0.17
6	*****	42	*****	79	*****
7	*****	43	*****	80	0.10
8	*****	44	1.17	81	2.39
9	*****	45	1.38	82	*****
10	*****	46	34.12	83	1.26
11	1.11	47	2.52	84	1.37
12	1.94	48	1.15	85	0.93
13	5.79	49	*****	86	1.44
14	3.36	50	1.08	87	1.88
15	*****	51	*****	88	2.28
16	4.41	52	1.13	89	2.10
17	*****	53	2.18	90	2.42
18	*****	54	*****	91	0.56
19	*****	55	*****	92	1.37
20	*****	56	0.39	93	1.33
21	22.91	57	*****	94	6.28
22	*****	58	0.65	95	1.38
23	114.43	59	*****	96	1.64
24	*****	60	*****	97	3.45
25	*****	61	15.29	98	*****
26	3.74	62	*****	99	0.57
27	*****	63	*****	100	*****
28	0.83	64	37.28	101	2.73
29	*****	65	0.65	102	0.09
30	*****	66	9.36	103	*****
31	3.01	67	*****	104	0.60
32	*****	68	9.14	105	*****
33	0.92	69	*****	106	1.37
34	5.41	70	0.33	107	1.45
35	*****	71	*****	108	0.74
36	*****	72	*****	109	*****
		73	0.23		

TOTAL CONCENTRATION 365.06

SECTION 4

FLIGHT DATA LOG

FLIGHT DATA NOTES

Location Codes

ECM	Evergreen Cemetery (5 mi N of HPK)
EGP	El Monte Gravel Pit (3½ mi NE of ELM)
ELM	El Monte Airport, Elev. 290 ft.
HPK	Huntington Park
LCA	La Canada
OCA	Orange City Airport
SCI	Santa Catalina Island
SFD	Santa Fe Dam (4 mi NE of ELM)
STA	Stadium Intersection (6 mi NW of HPK)
WHM	Whiteman Airport, Elev. 1033 ft.

Other Codes

T/O	Take-off
T/D	Touchdown
Tr	0.5 or less ppm CO
Nil	Less than 0.5 ppm CO

Units

Altitude	hundreds of feet MSL
Temperature	deg C
Dew Point	deg C
UV-incoming	watt/m ²
UV-outgoing	watt/m ²
Oxidants, NO ₂ , NO, NO _x	pphm
CO	ppm
Time Zone	Pacific Standard Time

FLIGHT LOG

Flight No.	Date 1968	Flight Time PST	Flight Route
1	8/31	1257-1434	WHM-ELM-WHM
2	9/2	1243-1428	WHM-ELM-STA-WHM
3	9/27	0749-0935	WHM-STA-ELM
4	10/7	1153-1245	WHM-ELM-WHM
5	10/8	1140-1355	WHM-STA-ELM
6	10/9	1132-1250	WHM-ELM
7	10/17	0655-1010	WHM-STA-ELM
7A	10/17	1227-1235	ELM-WHM
8	10/18	0706-1110	WHM-STA-ELM-WHM
9	10/21	1238-1608	WHM-STA-ELM-WHM
9A	10/22	0715-1030	WHM-LCA-STA-ELM
10	10/22	1245-1555	WHM-STA-ELM
11	10/23	0725-0925	WHM-LCA-STA-ELM
12	10/23	1232-1449	WHM-STA-ELM
13	10/24	0757-0936	WHM-STA-ELM
14	10/24	1222-1410	ELM-STA-HAWTHORNE-ELM
15	10/25	0825-1130	WHM-STA-ELM-S.CAT.IS.-ORANGE-ELM
16	10/25	1348-1546	WHM-STA-ELM
17	10/28	0907-1024	WHM-STA-ELM-WHM
18	10/28	1405-1607	WHM-STA-ELM-WHM
20	11/1	1332-1543	WHM-STA-ELM-WHM
21	11/6	1344-1650	WHM-STA-ELM-WHM
22	11/8	1310-1712	WHM-STA-ELM-RIVERSIDE-ELM-WHM
23	11/11	1340-1628	WHM-STA-ELM-CABLE-ELM-WHM

AIRCRAFT DATA

Flight Route: WHM-ELM-WHM

Date/Time: 31 AUG '68 / 1257-1434 PST

Flt. No. 1

Altitude	Temp	Dew Pt	UV-in	UV-out	Oxid	NO ₂	NO	NO _x	CO
	(T/O	WHM	1257	PST,	ENROUTE	CLIMB	TO	ELM)	
10.3	27.4								
	(RECORDER		FAILURE)						
45	26.0	12.1							
50	26.1	11.4							
55	24.9	10.9							
60	23.3	10.3							
65	22.0	9.5							
68	21.5	9.0							
	(DESCENT	AT	ELM,	1315	PST				
65	23.0	10.6							
60	23.4	10.1							
55	24.7								
50	25.8	10.3							
	SAMPLE-BAG 6								
47	25.9	10.9							
45	23.8	12.3							
40	23.3	13.0							
35	22.7	12.4							
	SAMPLE-BAG 3								
30	21.0	14.1							
		(1334	PST)						
25	19.8	15.0							
20	20.7	15.0							
	SAMPLE-BAG 1								
15	21.8	15.0							
14	22.0								
13	22.4								
12	22.8								
11	23.2								
10	23.0	15.0							
9	23.3								
8	23.9								
7	24.2								
6	24.5								

AIRCRAFT DATA

Flight Route: WHM-ELM-WHM

Date/Time: 31 AUG '66 / 1257-1434 PST

Flt. No. 1

Altitude	Temp	Dew Pt	UV-In	UV-out	Oxid	NO ₂	NO	NO _x	CO
5	24.6	14.6							
4	25.1								
	(T/D	ELM	1342	PST)					
	(T/O	ELM	1405	PST)					
2.9	(RECUPTER	FAI LUPE)							
18	20.4	14.6							
19	20.0								
20	19.7	14.6							
21	19.8								
22	19.2								
23	19.2								
24	18.9								
25	19.3	14.6							
30	20.0	14.6							
35	22.7	13.6							
40	23.3	13.3							
45	24.0	12.4							
50	25.6	10.9							
55	25.8	10.2							
60	24.5	8.8							
	(DESCENT	OVER	WHITEMAN	1420	PST)				
60	24.9	9.6							
55	25.4	9.9							
50	26.4	10.4							
45	25.9	10.2							
44	25.0	10.6							
43	24.5	11.0							
42	22.7	11.8							
41	22.2	12.5							
40	21.8	13.3							
39	21.2	13.4							
38	21.2	13.8							
37	21.0	14.2							

AIRCRAFT DATA

Flight Route: WHM-ELM-WHM

Date/Time: 31 AUG '68 / 1257-1434 PST

Flt. No. /

[illegible]

AIRCRAFT DATA

Flight Route: WHM - ELM - STA - WHM

Date/Time: 2 SEPT 68 / 1243 - 1428 PST

Flt. No. 2

Altitude	Temp	Dew Pt	UV-in	UV-out	Oxid	NO ₂	NO	NO _x	CO
	(T/O	WHM	1243	PST,	ENROUTE TO	ELM)			
10.3	24.6								
11	23.3								
12	23.0								
13	22.4								
14	22.3								
15	21.8								
16	21.1								
17	20.8								
18	20.5								
19	20.2								
20	20.2								
21	20.0								
22	20.0								
23	19.8								
24	19.8								
25	19.9								
26	19.9								
27	20.3								
28	20.1								
29	20.2								
30	19.7								
35	19.8								
40	19.0								
45	19.7								
50	21.5								
55	20.8								
60	19.5		(1254 PST)						
			(DESCENT ELM)						
60	20.3								
55	20.7								
50	21.8								
45	19.8								
40	20.4								
35	20.7								

AIRCRAFT DATA

Flight Route: WHM - ELM - STA - WHM

Date/Time: 2 SEPT '68 / 1243-1428 PST

Flt. No. 2

Altitude	Temp	Dew Pt	UV-In	UV-out	Oxid	NO ₂	NO	NO _x	CO
30	17.2								
25	17.8								
20	18.9								
19	19.4								
18	19.7								
17	20.0								
16	20.3								
15	20.7								
14	21.0								
13	21.4								
12	22.0		(1307 PST)						
10	21.9								
9	22.5								
8	22.9								
7	23.2								
6	24.0								
5	24.0								
4	25.2								
		(T/D	ELM	1313	PST)				
		(T/O	ELM	)					
2.9	25.1								
4	24.2								
5	23.7								
6	23.2								
7	22.6								
8	22.2								
9	22.3								
10	21.9								
15	20.5								
20	18.7								
25	17.7								
30	17.4								
35	18.9								
40	20.3								

AIRCRAFT DATA

Flight Route: WHM-ELM-STA-WHM

Date/Time: 2 SEPT '64 / 1243-1428 PST

Flt. No. 2

Altitude	Temp	Dew Pt	UV-in	UV-out	Oxid	NO ₂	NO	NO _x	CO
45	19.3								
50	20.5								
55	20.2								
60	18.5		(END CLIMB FROM ELM)						
			(DESCENT AT STA 1344 PST)						
50	21.9								
45	22.4								
40	22.0								
35	20.3								
30	18.8								
25	17.0								
20	18.2								
15	18.9								
20	18.0		(1400 PST)						
25	17.0								
30	18.0								
35	20.0								
40	21.5								
45	21.6								
50	21.1								
55	20.1		(1408 PST, END CLIMB)						
			1416 PST, DESCENT OVER SUNLAND						
55	20.8								
50	20.8								
45	20.7								
40	20.8		(SAMPLE - BAG 9)						
35	18.4								
30	19.7								
25	20.9		(1425 PST)						
			(DESCENT WHM)						
14	21.8								

AIRCRAFT DATA

Flight Route: WHM - STA - ELM

Date/Time: 27 SEPT 68 / 0749 - 0935 PST

Flt. No. 3

Altitude	Temp	Dew Pt	UV-in	UV-out	Oxid	NO ₂	NO	NO _x	CO
	<u>T/O</u>	<u>WHM</u>	<u>0749</u>	<u>PST</u>					
10.3	16.9	15.3		0					
11	16.4	15.8							
12	15.9	15.7							
13	16.0	15.0							
14	16.4	14.2							
15	17.0	14.2							
16	19.6	12.0							
17	20.8	3.3							
18	21.1	0.0							
19	21.4	-2.5		0.9					
20	23.2	-1.3							
23	24.1	-2.0							
25	24.4	1.4							
30	23.9	1.8		0.9					
33	23.6	1.8							
35	23.7								
40	24.4			1.6					
45	23.4								
50	21.7			3.3					
55	20.8			3.3					
DESCENT STA									
53	21.5			11.9					
50	22.4			11.9					
45	23.6								
40	25.0			11.0					
35	25.5								
30	25.6			11.5					
25	24.5				(0816 PST)				1.1
20	23.2			9.8					
(CLIMB TO ELM)									
21	22.8								
25	22.8								

AIRCRAFT DATA

Flight Route: WHM-STA-ELM

Date/Time: 27 SEPT 68/0749-0935 PST

Flt. No. 3

Altitude	Temp	Dew Pt	UV-in	UV-out	O ₃ d	NO ₂	NO	NO _x	CO
30	24.8								
35	24.9			9.4					
40	25.1			11.9					
45	23.8								
50	22.5			13.1					
(DESCENT ELM, 0837 PST)									
48	22.7			12.6					
45	23.9								
40	24.8			13.5		(0842 PST)			1.1
35	24.6								
30	25.1			11.0					
28	24.6			10.2		(0845 PST)			Tr
(SAMPLE 0845-0900 PST)									
34									
27	24.7								
30	25.1			7.3					
35	24.5								
40	24.7			6.9					
45	23.5								
50	22.0								
55	21.2								
60	19.3								
(SAMPLE 0915-0925 PST)									
(DESCENT ELM)									
60	19.7			7.8					
55	21.3								
50	22.4			6.9					
45	24.0								
40	24.8			6.1					
35	25.4								
30	25.1			4.9					
25	24.7								
20	23.4								
19	22.3								

Flight Route: WHM-STA-ELM

Date/Time: 27 SEPT '68 / 0749-0935 PST

Flt. No. 3

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AIRCRAFT DATA

Flight Route: WHM - ELM - NHH

Date/Time: 7 OCT '68 / 1153-1245 PST

Flt. No. 4

Altitude	Temp	Dew Pt	UV-In	UV-out	Oxid	NO ₂	NO	NO _x	CO
(T/O WHM 1153 PST)									
10.3	20.4	13.8	25.6	0					
11	18.5	11.8	26.0	0.9					
12	18.4	11.4							
13	18.0	11.4		1.2					
14	17.5	11.6		2.0					
15	17.7	11.2		2.3					
16	17.3	11.4		2.4					
17	17.0	11.8							
18	16.8	11.2		2.4					
19	16.0	11.0							
20	15.8	10.6		2.9					
21	15.4	11.0							
22	15.0	11.4							
23	15.1	10.7							
24	14.5	11.2							
25	14.3	11.3		2.9					
26	14.0	11.1		3.3					
27	13.9	10.7		3.3					
30	13.2	10.2		4.9					
31	12.8	10.0							
32	12.5	10.0							
33	12.0	10.4							
34	11.7	10.5							
35	11.7	10.2	33.3	5.3					
40	11.5	8.2		6.9					
45	9.5	8.2		7.8					
48	11.8	3.0							
50	14.5	-3.0	38.2	8.2					
55	14.2	-7.0		10.2					
65	13.2	-11.2	43.5	11.9					

AIRCRAFT DATA

Flight Route: WHM-ELM-WHM

Date/Time: 7 OCT '68 / 1153-1245 PST

Flt. No. 4

Altitude	Temp	Dew Pt	UV-in	UV-out	Oxid	NO ₂	NO	NO _x	CO
	1215	PST,	CIRCUIT	TO	ELM				
	1234	PST,	START	DESCENT	OVER	WHM			
67	12.1	-1.4		9.0	4				
65	13.0	-5.0	46.0	8.2					
63	13.5	-7.5							
60	13.5	-5.0		8.6	3				
55	14.0	-5.8	36.3	8.2	3				
50	12.8	0.0		7.3					
45	10.7	7.5		6.5					
40	10.5	9.4	28.7	6.2	1				
35	12.2	9.4		4.5					
30	13.6	9.4		4.5					
29	13.6								
28	14.1			4.0	0.5				
27	14.5			3.7					
26	14.8								
25	15.0	10.4		3.3					
24	15.4								
23	15.5								
22	16.0								
21	16.6								
20	16.7	10.7		2.0					
17	17.5		25.6						
13	18.5								
12	18.8								
11	19.4			1.2					
10.3	19.8	12.0	24.8	0	1				
	T/D	WHM	1245	PST					
Note: HEAVY UNDERCAST EL MONTE AND HUNTINGTON PARK. OCCASIONAL HOLES IN SAN FERNANDO VALLEY.									
END FLT. 4									

AIRCRAFT DATA

Flight Route: WHM - STA - ELM

Date/Time: 8 OCT 68 / 1140 - 1355 PST

Flt. No. 5

Altitude	Temp	Dew Pt	UV-In	UV-out	Oxid	NO ₂	NO	NO _x	CO
(T/O WHM 1140 PST)									
10.3	20.8	11.2	28.7	0	9				
11	19.8	10.8							
12	19.5	10.2		0.2					
13	19.0	10.8							
14	18.9	9.7							
15	18.3	11.0	30.6	0.8					
16	17.4	12.1							
17	17.5	11.9							
18	17.0	10.9							
19	16.8	8.7							
20	16.5	8.9	35.2	1.6					
21	16.0								
22	15.4				9.5				
23	15.3								
24	15.6								
25	15.0	8.6		2.3					
30	13.9	8.8	39.3	2.6	10				
35	12.0	9.9		3.3	10				
40	11.4	8.9		3.7					
45	10.9	8.0		4.5	10				
50	12.1	6.5		6.1					
55	13.0	-3.6							
60	11.8	-4.2	40.9	6.9					
66	11.2	-7.0			4				
68	11.5	-8.0	41.6	7.3					
(DESCENT STA 1158 PST)									
65	11.6	-10.5		7.3	3.5				
60	13.0	-11.0		7.3	3.5				
55	12.9	-5.8		7.3	3.5				
50	13.8	-5.4		6.5					
45	13.4	-0.5		6.5	5				
40	11.4	5.1		5.3	7				
35	13.0	5.3		4.9	7				

AIRCRAFT DATA

Flight Route: WHM- STA- ELM

Date/Time: 8 OCT '68 / 1140-1355 PST

Flt. No. 5

Altitude	Temp	Dew Pt	UV-in	UV-out	Oxid	NO ₂	NO	NO _x	CO
30	12.8	8.7		4.9					
25	13.0	9.2		3.7	7.5				
20	13.8	10.5		3.3					
19	13.8								
18	14.0								
17	14.1								
16	14.5	11.7		1.6					
		END DESCENT AT STA 1210 PST							
		BEGIN ASCENT AT STA							
15	14.5	12.2		2.0					
20	13.6	10.8		3.0					
25	13.2	10.6	40.1	3.3	10.5				
30	12.6	10.4		4.9	10				
35	12.6	6.5		5.3	10				
40	12.2	6.6	41.7	5.3	10				
40	(SAMPLE 1214-1229 PST)					10.0	9.35		
42	12.0	4.3		5.3	9.5				
45	14.0	-1.0	43.2	6.2					
50	15.3	-6.0		6.2					
55	14.3	-9.0		6.6	5				
55	(SAMPLE 1233-1248 PST)					20.8	3.9		
60	11.8	-7.7		7.3	4.5				
65	11.7	-11.0		7.3	4.5				
	(END CLIMB AT STA)								
	(DESCENT EGP 1301 PST)								
65	12.4	-8.8		8.6	4				
60	12.8	-5.9		8.2					
55	13.8	-3.4		8.1	5				
55	(SAMPLE 1303-1318 PST)					10	1.3		Tr
52	13.4	3.2		6.5					
50	13.7	5.2		6.5					
48	14.3	0.5							

Flight Route: WHM-STA-ELM
Date/Time: 8 OCT '68 / 1140-1355 PST

Flt. No. 5

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AIRCRAFT DATA

Flight Route: WHM - ELM

Date/Time: 9 Oct '68 / 1132 - 1250 PST

Flt. No. 6

Altitude	Temp	Dew Pt	UV-in	UV-out	Oxid	NO ₂	NO	NO _x	CO
	<u>T/O</u>	<u>WHM</u>	<u>1132 PST</u>						
10.3	20.7	13.8	21.8	0	9				
11	20.4	11.3							
12	20.2	11.8		0.9					
13	20.0	11.3							
14	19.7	11.2							
15	19.3	11.2		0.9	9				
16	19.2	11							
17	18.9	11							
18	18.5	11		1.6					
19	18.3	11							
20	17.8	11	28.7		8				
21	17.6	11							
22	17.4	11							
23	17.2	10							
24	16.8	10							
25	16.7	10		2.4					
26	17.0	10							
27	16.9	9							
28	16.5	9							
29	16.7	8							
30	17.5	7		3.3	9.5				
31	18.1	0							
32	18.2	0							
33	18.5	0							
34	18.5	-1.5							
35	18.3	-2.5		3.7					
40	17.2	-3.5	38.1	3.7					
42	16.6	-2							
43	16.4	-2			5				
	<u>DESCENT</u>		<u>EGP</u>	<u>1147</u>	<u>PST</u>				
44	16.5	-2							
40	17.3	-2	28.3	5.3					
35	18.0	-3	31.7	5.3	5				

AIRCRAFT DATA

Flight Route: WHM-ELM

Date/Time: 9 OCT '68 / 1132-1250 PST

Flt. No. 6

Altitude	Temp	Dew Pt	UV-In	UV-out	Oxid	NO ₂	NO	NO _x	CO
30	17.0	-2	31.2	5.3					
29	15.9	+5							
28	15.5	6							
27	15.6	8							
26	16.1	9							
25	16.3	9			5				
24	16.0	11							
23	16.2	11							
22	16.6	11							
21	16.9	12							
20	17.4	12		3.3					
19	17.6	12							
18	17.9	11							
17	18.3	11							
16	18.5	12							
15	18.8	12		1.6	8				
14	18.8	13							
13	19.1	12							
12	19.3	13							
11	19.4	13							
10	19.6	14	33.6	1.6					
9	20.3	13							
8	20.7	13							
7	20.8	13							
6	21.2	13							
5	21.5	13	26.7	0.4					
(CLIMB ELM 1157 PST)									
5	20.8	14							
10	19.4	15		2.4					
15	18.2	14	32.4	3.3					
20	17.0	13		3.7					
25	17.5	7		3.3					
30	18.8	-2		4.4					
35	18.3	-3	33.6	4.9					
40	17.2	-1		6.5					

AIRCRAFT DATA

Flight Route: WHM - ELM
 Date/Time: 9 OCT 68 / 1132-1250 PST

Flt. No. 6

Altitude	Temp	Dew Pt	UV-in	UV-out	Oxid	NO ₂	NO	NO _x	CO
45	15.7	-2			6				
50	14.8	-1	33.2	6.1					
	(END CLIMB ELM 1214 PST)								
	(SAMPLE 1214 -1229 PST)								
27						11.2	11.5	22.7	Tr
	(SAMPLE 1230 -1245 PST)								
24						13.7	4.4	18.1	
	(DESCENT ELM 1245 PST)								
23	20.0	-1.5	18.7		9				
22	19.2	9							
21	18.8	9							
20	18.5	11	18.0	2.0	12				
19	18.8	11							
18	19.0	11			12.5				
17	19.2	11							
16	19.3	12							
15	19.5	12		1.2	10				
14	19.7	12							
13	20.2	12							
12	20.4	12	13.4		9				
11	20.3	12							
10	20.5	12	13.4	0.4					
9	21.0	14							
8	21.5	14							
7	21.6	14							
6	21.8	14							
5	22.0	14							
4	22.4	14		0					
2.9	22.6	14	8.8	0	8				
	(T/D ELM 1250 PST)								
	END FLT 6								

AIRCRAFT DATA

Flight Route: WHM - STA - ELM

Date/Time: 17 Oct '68 / 0655 - 1010 PST

Flt. No. 7

Altitude	Temp	Dew Pt	UV-In	UV-out	Oxid	NO ₂	NO	NO _x	CO
	(T/O	WHM	0655 PST)						
10.3	22.0	1.6	4.2	0					
11	22.1	1.2							
12	22.3	0.0							
13	22.4	-0.1							
14	22.3	-0.4							
15	21.9	+0.4	4.6						
16	21.7	0.4							
17	21.5	0.4							
18	21.3	0.4							
19	21.2	-0.1							
20	21.2	-1.3	4.6	0					
21	21.1	-1.5							
22	20.8	-1.1							
23	20.5	-0.1							
24	20.5	-0.1							
25	20.6	+0.1	4.6						
30	19.0	-0.4	5.3	0					
35	17.8	-1.2	5.3						
40	16.6	-1.0	5.3	0					
45	15.8	-4.9	5.3	0.4					
50	14.8	-2.0	6.1	0.4					
(0704 PST, END ENROUTE CLIMB TO HPK)									
(DESCENT STA)									
49	14.8	-6.7	6.1	0.8	4				
45	15.7	-5.6			3				
40	17.0	-5.3	6.1	0.4	3				
35	18.5	-4.0			2				
30	19.7	-3.0	6.1	0.4	3				
28	20.2				3				
26	20.6	-4.2			2				
24	21.3				1				
22	21.7				1				
20	22.1	-2.3		0.2	1				

AIRCRAFT DATA

Flight Route: WHM - STA - ELM

Date/Time: 17 OCT '68 / 0655-1010 PST

Flt. No. 7

Altitude	Temp	Dew Pt	UV-In	UV-out	Oxid	NO ₂	NO	NO _x	CO
19	22.4				0				
18	22.5	-2.1			1				
17	22.5				1				
16	22.6				1				
15	22.7	-1.2	6.1	0	1				
(SAMPLE 0725-0750 PST)									
15					2	4.9	3.7	8.6	Tr
20	21.3			0.4	3				
25	20.4			0.8	3				
30	19.0		13.3	1.2	3				
(SAMPLE 0757-0822 PST)									
30	18.8		17.2			0.8	1.3	2.1	Tr
(DEPART TO ELM, T/D 0840 PST)									
(T/O ELM 0912 PST)									
2.9	23.3	8.0	19.1	0	3				
4	22.8	4.7			3				
5	22.8	4.7		0.4	3				
6	23.0	3.0			3				
7	23.0	1.5			3				
8	23.0	0.8			3				
9	22.9	0.1			3				
10	22.8	-0.8		1.0	3				
11	22.4	-0.4			3				
12	22.3	-0.3			3				
13	22.1	-0.5			3				
14	22.3	-1.0			3				
15	22.3	-0.9			3				
20	21.9	-1.1		1.0	4				
25	21.0	-0.5	24.8	1.2	3				
30	19.7	-0.5		1.6	3				
35	18.1	-0.5		2.4	3				
40	16.9	-1.0		2.4	3				
45	15.8	-2.2		2.9	3				

AIRCRAFT DATA

Flight Route: WHM-STA-ELM

Date/Time: 17 OCT 68 / 0655-1010 PST

Flt. No. 7

Altitude	Temp	Dew Pt	UV-in	UV-out	Oxid	NO ₂	NO	NO _x	CO
50	15.0	-4.1	25.2	4.7	3				
	(DESCENT)								
40	17.8	-5.9		2.3	3				
35	18.6	-4.5	24.8	2.3	3				
30		-4.5	26.7	2.0	3				
	(SAMPLE 0925-0940 PST)								
30					3	2.0	1.6	3.6	Tr
27		-0.1		2.4	3				
25		-4.9			3				
20		-4.6	28.3	2.0	4				
15		-5.0			4				
	(SAMPLE 0945-1000 PST)								
13		-2.7	23.7	1.6	4	5.5	4.8	10.3	Tr
17		-3.2			4				
15		-2.6		1.0	4				
10		-0.4		0.9	3.5				
9		+0.4			3.5				
8		1.2			3.5				
7		1.3			4				
6		4.0			4				
5		4.5			4				
4		5.1		0	4				
	(WAVE OFF - RETURN TO FLIGHT PATTERN)								
9		2.7	27.9	0.9	4.5				
8		1.5			5				
7		1.5			4				
6		0.9			4				
5		0.5	26.3		4				
4		1.7			4				
2.9		8.2	22.9	0	5				
	(T/D ELM 1010 PST)								
	END FLT 7								

AIRCRAFT DATA

Flight Route: ELM-WHM

Date/Time: 17 Oct 68 / 1227-1235 PST

Flt. No. 7A

Altitude	Temp	Dew Pt	UV-In	UV-out	Oxid	NO ₂	NO	NO _x	CO
	T/O	AT ELM,		1227	PST				
2.9				0	6				
10			22.9	0.9	6				
11	27.8	-1.8			6				
12	27.5	-1.7			6				
13	27.3	-1.2			6				
14	27.0	-1.2			6				
15	25.9	-2.0	24.8	0.9	6				
16	25.5	-1.5			6				
17	25.3	-1.2			5.5				
18	25.0	-1.0			5.5				
19	24.7	-0.2			5.5				
20	24.5	-0.5	30.6	1.6	6				
21	24.3				6				
22	24.2				6				
23	23.8				6				
24	23.3				5.5				
25	23.0	-0.8	30.6	1.9	5.5				
26	22.8				5.5				
27	22.5				5				
28	22.2				5				
29	21.9				5				
30	21.4	-1.6	32.5	2.0	5				
35	20.3	-1.5		2.4	4.5				
40	18.5	-1.8	30.6	3.3	4				
45	17.0	-4.0		3.9	4				
50	16.7	-8.0		4.0	3				
	T/D	WHM	1225	PST					
	END	FLT	7A						

AIRCRAFT DATA

Flight Route: WHM-STA-ELM-WHM

Date/Time: 18 Oct '68 / 0706 - 1110 PST

Flt. No. 8

Altitude	Temp	Dew Pt	UV-In	UV-out	Oxld	NO ₂	NO	NO _x	CO
	(T/O	WHM	0706	PST)					
10.3	17.0	4.7	3.8	0					
11	17.5	2.4							
12	19.0	-0.5							
13	19.8	-2.7							
14	20.0	-1.6							
15	20.5	-1.2	4.6	0					
16	20.6	-1.2							
17	20.8	-1.2							
18	20.9	-1.1							
19	20.9	-1.2							
20	20.5	-0.1	4.6	0	4				
21	20.4	-0.3			5				
22	20.3	+0.1			4				
23	20.0	0.4			4				
24	19.8	0.1			4				
25	19.8	0.2	4.2	0	4				
30	18.8	-1.7	5.0	0	4				
35	18.0	-1.4	5.0	0	2				
40	17.1	-1.0	5.3	0.4	4				
45	16.2	-2.3	6.1	0.6	4				
50	15.1	-4.4	6.9	0.6	4				
	(DESCENT	STA	0713	PST)					
48	15.8	-4.3			4				
45	16.6	-3.9			4				
40	17.8	-3.8	5.3	1.0	4				
35	18.9	-1.7		0.6	4				
30	19.5	-1.9	5.7	0.4	3				
25	19.8	-0.9			3				
20	20.6	-3.0			3				
19	20.5		4.2	0.4	3				
18	20.2								
17	20.6								
16	20.7								

AIRCRAFT DATA

Flight Route: WHM-STA-ELM-WHM

Date/Time: 18 OCT 64 / 0706-1110 PST

Flt. No. 8

Altitude	Temp	Dew Pt	UV-in	UV-out	Oxid	NO ₂	NO	NO _x	CO
15	20.8	-1.5							
	(END DESCENT STA, 0735 PST)								
	(SAMPLE 0733-0748 PST)								
15	21.0	-0.5	6.9	0			1.3		N:1
20	20.2	-1.8			3				
25	19.8	-1.0			4				
30	19.7	-1.0	11.8	1.6	4				
	(SAMPLE 0753-0808 PST)								
30						2.6	0.7	3.3	N:1
35	18.6	-2.3		2.0	4				
40	17.7	-3.1	11.8	2.0	4				
45	15.9	-3.0		2.0	4				
50	15.1	-4.4		2.9	4				1.7
	(END CLIMB STA 0811 PST)								
	(DESCENT ELM 0814 PST)								
50			12.2	2.4	4				Tr
45	17.0	-6.9			7				
40	17.9	-5.6		2.0	5				
35	18.9	-5.3	13.0	1.0	6				
30	19.3	-5.7	13.8	1.0	4				
25	20.3	-4.7		0.6	2				
20	20.3			0.6	1				
15	21.1			0.6	1				
10	21.5			0.8	1				
13					39				
	(39 pp hm of oxidant-transient pulse suspected to be due to exhaust trails)								
	(SAMPLE 0834-0847 PST)								
13							6.7		Tr
	(SAMPLE 0850-1005 PST)								
30							3.5		N:1

AIRCRAFT DATA

Flight Route: WHM-STA-ELM-WHM

Date/Time: 18 OCT '68 / 0706-1110 PST

Flt. No. 8

Altitude	Temp	Dew Pt	UV-In	UV-out	Oxid	NO ₂	NO	NO _x	CO
28	21.0		19.1	2.3	3				
25	21.4				2				
20	22.3			1.6	2				
15	23.1			0.8	2				
10	21.7		19.8	0.6	4				
9	21.5				4				
8	21.8				3				
7	22.0				3				
6	22.2				2				
5	22.7				2				
4	22.6				2				
2.9	22.4		15.7	0	2				
T/D ELM 0915 PST									
T/O ELM 1050 PST									
2.9	26.0				3				
4	25.6				3				
5	25.2				3				
6	24.7				3				
7	24.5				3				
8	24.7				3				
9	24.0				3				
10	23.3				4				
11	23.0				4				
12	22.8	-4.4			4				
15	22.1	-4.7			4				
20	20.8	-4.5			4				
25	20.3	-6.6			4				
30	19.8	-6.3			4				
DESCENT WHM									
30	19.4	-5.7			5				
25	21.7	-5.9			5				
24	22.0				5				
23	22.3				5				
22	21.7				5				

Flight Route: WHM-STA-ELM-NHM

Flt. No. 8

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AIRCRAFT DATA

Flight Route: WHM-STA-ELM-WHM

Date/Time: 21 OCT 68 / 1238 - 1608 PST

Flt. No. 9

Altitude	Temp	Dew Pt	UV-in	UV-out	Oxld	NO ₂	NO	NO _x	CO
	T/O	WHM	1238	PST					
10.3	25.8	9.7	22.9	0	10				
11	24.9	8.0			9				
12	24.2	8.2			9				
13	24.0	7.2			8				
14	23.8	6.8			7				
15	23.7	7.6		1.2	57				
(57 ppkm of oxidant at 1500 ft, suspected to be due to exhaust trail of aircraft in pattern)									
16	23.1	7.7			18				
17	22.7	7.7			13				
18	22.4	6.2			12				
19	22.1	5.8			12				
20	21.7	6.2	28.6	1.2	13				
21	21.8	6.2			14				
22	21.6	4.7			12				
23	21.2	6.4			13				
24	21.2	4.7			11				
25	20.9	1.8		1.6	9				
30	19.8	1.5		2.4	9				
35	19.7	3.1	31.3	4.0	11				
40	19.2	-5.2		4.5	5				
45	18.7	-5.6		4.5	5				
50	17.6	-7.4	34.7	4.9	4				
DESCENT STA, 1255 PST									
49	18.0	-10	32.5	6.1	3				
45	19.0	-10		6.1	4				
40	19.6	-6.6			4				
35	20.2	-5.8	28.6	6.1	4				
30	20.7	-3.5		5.3	4				
25	21.3	-1.7		4.5	4.5				
20	22.4	-0.4	29.0	4.0					
(SAMPLE 1310 - 1325 PST)									
20			33.6		7	0.6	0.3	0.9	

AIRCRAFT DATA

Flight Route: WHM-STA-ELM-WHM

Date/Time: 21 Oct '68 / 1238-1608 PST

Flt. No. 9

Altitude	Temp	Dew Pt	UV-in	UV-out	Oxid	NO ₂	NO	NO _x	CO
	(SAMPLE		1330	-1345	PST)				
15	21.1	11.2	25.2	2.9	24	13.3	2.0	15.3	
	(CLIMB	AT STA)							
15	21.5	10.7		3.3	26				
16	22.4	6.3			20				
17	22.6	3.4			13				
18	22.5	1.2			8				
19	22.5	1.2			8				
20	22.5	2.3		3.7	7				
21	22.5	2.3			7				
22	22.3	1.6			7				
23	22.1	0.6			6				
24	21.9	0.8			6				
25	21.8	0.8		4.5	6				
30	21.4	-1.5	22.1	5.3	5				
35	20.8	-2.7		5.3	5				
40	20.0	-4.5	24.8	5.1	5				
45	19.4	-6.5		5.3	4				
50	19.0	-6.5	24.5	5.7	3				
		END CLIMB	STA	1351	PST				
		DESCENT EGP	1401	PST					
50	19.9	-10	24.5	5.3	3				
45	19.8	-8.8		5.3	4				
40	20.2	-6.7	24.8	4.9	4				
35	20.6	-1.8		4.5	7				
30	20.9	-0.5		4.0	8				
25	21.7	-0.8		4.0					
20	21.7	+1.8		3.0					
19	21.7	5.0							
18	21.8	7.5							
17	22.0	6.4							
16	22.3	7.0							
15	22.4	7.1		3.3					
14	22.5	7.8							

AIRCRAFT DATA

Flight Route: WHM - STA - ELM - WHM

Date/Time: 21 Oct '68 / 1238-1608 PST

Flt. No. 9

Altitude	Temp	Dew Pt	UV-In	UV-out	Oxid	NO ₂	NO	NO _x	CO
13	22.8	8.4							
10	24.0	9.2		1.6	18				
11	23.2				18				
12	23.1				18				
13	22.8				18				
14	22.7				18				
15	22.5	7.7		2.9	18				
16	22.3				17				
17	22.3				15				
18	22.1				13				
19	22.5				10				
20	22.2	3.0		3.0	11				
21	22.1				12				
22	21.9				10				
23	21.8				9				
24	21.7				8				
25	21.7	-1.0		3.7	7				
30	21.0	-1.6		4.0	7				
33	20.8				10				
35	20.4	+0.2		4.5	9				
38	20.6	-3.0			5				
40	20.2	-4.0		4.9	4				
45	19.8	-5.1			4				
50	19.6	-6.7			3				
END CLIMB AT EGP									
40	20.5	-6.1			3				
30	20.9	-2.5			7				
SAMPLE EGP 1445-1500 PST									
10					20	8.8	0.7	9.5	40
15	22.0	11.7		2.4	21				
20	21.5	8.5		3.3	20				
40	20.8	-7.0		4.0	4				
35	21.8	-6.5		4.0	4				

AIRCRAFT DATA

Flight Route: WHM-STA-ELM-WHM

Date/Time: 21 Oct '68 / 1238-1608 PST

Flt. No. 9

Altitude	Temp	Dew Pt	UV-in	UV-out	Oxid	NO ₂	NO	NO _x	CO
	(SAMPLE		1509-	1525	PST,	EGP)			
33			15.2	4.0	6	Tr	Tr	Tr	Tr
30	22.6	-3.4		2.9	5				
29	22.4								
28	22.0								
27	22.4								
26	22.4	-3.6							
22	24.0	-4.0							
21	23.3	3.5			6				
11			5.7	0.8	13				
8	22.5	14.2			13				
7	22.8	14.6		0.4	13				
6	23.0	14.6			14				
5	23.2	14.7			14				
4	23.4	15.0			14				
2.9	23.5	15.1	3.8	0	14				
	(T/D	ELM	1532	PST)					
	(T/O	ELM	1600	PST, ENROUTE CLIMB TO WHM)					
2.9	22.2	15.6	2.3	0	11				
4	21.8	14.6		0.4	11				
5	21.4	14.3			11				
6	21.2	14.2			11				
7	21.0	14.2			10				
8	20.9	14.5			11				
9	20.8	13.8	2.3		11				
10	20.5	13.2		0.4	12				
11	20.4	13.3			15				
12	20.2	13.2			15				
13	20.2	12.7			16				
14	21.5	11.6			19				
15	22.1	9.5		0.8	20				
16	22.6				24				
17	22.6				26				
18	22.7				27				

Flight Route: WHM - STA - ELM - WHM

Flt. No. 9

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AIRCRAFT DATA

Flight Route: WHM - LCA - STA - ELM

Date/Time: 22 Oct 68 / 0715 - 1030 PST

Flt. No. 9A

Altitude	Temp	Dew Pt	UV-in	UV-out	Oxid	NO ₂	NO	NO _x	CO
	(T/O	WHM	0715	PST)					
10.3	16.7	+1.8	5.0	0	1				
11	19.5	-4.6		0	2				
12	20.8	-8.2		0	3				
13	21.2	-8.7		0	4				
14	21.3	-7.4		0	4				
15	21.7	-8.0	5.4	0	4				
16	22.0	-6.8		0.4	4				
17	22.3	-8.0		0.4	5				
18	22.4	-8.0		0	5				
19	22.5	-8.0		0	5				
20	22.6	-5.5	5.7	0	5				
21	22.6	-4.8		0.4	6				
22	22.5	-3.7			6				
23	22.7	-1.0			7				
24	22.8	-0.2			8				
25	22.3	+0.2	6.1	0.4	8				
26	22.6	-0.8			7				
27	22.9	-4.0			6				
28	23.1	-5.0			5				
29	23.1	-5.0			4				
30	23.0	-4.4	6.5	0.4	4				
31	23.0				4				
32	22.8				4				
33	22.3				5				
34	22.0				5				
35	21.9	-4.4	6.5	0.4	5				
36	21.7				5				
37	21.5				5				
38	21.3				5				
39	21.0			0.4	5				
40	20.8	-4.4	6.5	0.9	5				
41	20.8				5				
42	20.7				5				
43	20.7			0.9	5				

AIRCRAFT DATA

Flight Route: WHM-LCA-STA-ELM

Date/Time: 22 OCT '68 / 0715-1030

Flt. No. 9A

Altitude	Temp	Dew Pt	UV-in	UV-out	Oxid	NO ₂	NO	NO _x	CO
44	20.7				4				
45	20.6	-7.0	6.5	0.9	4				
46	20.4				4				
47	20.2			0.9	4				
48	19.8	-8.5			4				
49	19.8				4				
50	19.8	-12.5	9.6	0.9	4				
(OVER LCA 0724 PST, QUICK DESCENT TO 1500 FT)									
15	22.7	-0.5	6.9	0.4	9				
15	(SAMPLE 0741-0759 PST, HPK)					1.1	0.3	1.4	Tr.
16	23.1	+2.4			10				
17	23.2	0.3			10				
18	23.5	2.5			10				
19	23.5	4.0			9				
20	23.5	1.0			9				
21	23.4	1.3			8				
22	23.5	1.6	12.2	1.6	9				
22	(SAMPLE 0805-0825 PST, HPK)					Tr	Tr		Tr.
23	23.4				9				
24	23.4				9				
25	-				8				
26	23.2	-2.6			7				
27	22.8	-3.2			7				
28	22.7	-3.2			7				
29	22.5	-3.3			7				
30	22.0	-4.5		3.3	6				
31	21.9				6				
32	21.9				6				
33	22.2				6				
34	22.2				6				
35	22.2	-4.5		3.3	6				

AIRCRAFT DATA

Flight Route: WHM-LCA-STA-ELM

Date/Time: 22 OCT '68 / 0715-1030

Flt. No. 9A

Altitude	Temp	Dew Pt	UV-in	UV-out	Oxid	NO ₂	NO	NO _x	CO
36	21.8				5				
37	21.5				5				
38	21.2				5				
39	21.0				6				
40	20.8	-4.0		3.7	5				
41	20.4				5				
42	20.0				5				
43	19.8				5				
44	19.6				5				
45	19.5	-5.0			5				
46	19.6				4				
47	19.7	-10.0			4				
48	19.7				4				
49	19.9				4				
50	20.0	-17	17.2	4.0	4				
(END CLIMB AT STA 0759 PST)									
(DESCENT ELM, 0837 PST)									
50	19.4	-20	19.5	3.7	3				
49	19.6				3				
48	19.8				3				
47	20.0				3				
46	20.0				3				
45	20.2	-17			3				
44	20.4				4				
43	20.5				4				
42	20.7				4				
41	20.8				4				
40	21.1	-10.4	19.1	3.3	4				
39	21.2				4				
38	21.3				5				
37	21.5				5				
36	21.8				5				
35	22.0	-8.0			6				
34	22.1				6				
33	22.5				6				

AIRCRAFT DATA

Flight Route: WHM - LCA - STA - ELM

Date/Time: 22 OCT '68 / 0715-1030

Flt. No. 9A

Altitude	Temp	Dew Pt	UV-in	UV-out	Oxid	NO ₂	NO	NO _x	CO
32	22.7				7				
31	22.9				7				
30	23.2	-7.0	19.5	2.9	7				
29	23.5	-7.0			7				
28	23.7	-7.0			8				
27	24.0	-6.0			8				
26	23.9	-5.4			8				
25	23.8	-5.0			8				
24	23.8	-3.6			8				
23	23.8	-2.5			8				
22	24.0	-2.2			7				
21	24.2	-2.0			6				
20	24.4	-3.8		2.9					
19	24.5	-4.2							
18	24.5	-7.5							
17	24.1	-6.5							
16	24.0	-6.0							
15	23.9	-4.8		2.0					
14	23.7	-2.4							
13	23.9	-2.0	16.8						
13	(SAMPLE AT EGP, 0845-0900 PST)					Tr	Tr		Tr
15	24.4	-5.3		2.4	7				
20	24.4	-3.6		2.9	6				
25	23.8	-0.4	23.0	3.7	8				
25	(SAMPLE AT EGP, 0915-0930)					Tr	Tr		
24	24.8	-10.			7	(To ELM 0930 PST)			
23	25.0	-9.0			7				
22	25.3	-10.			8				
21	25.4	-5.6			8				
20	25.6	-9.0		2.9	7				
19	25.5	-10			7				
18	25.5	-8.8			8				
17	25.4	-5.2			8				
16	25.3	-6.0			8				

AIRCRAFT DATA

Flight Route: WHM-LCA-STA-ELM

Date/Time: 22 OCT '68 / 0715-1030

Flt. No. 94

Altitude	Temp	Dew Pt	UV-In	UV-out	Oxid	NO ₂	NO	NO _x	CO
15	25.3	-10.0		2.4	8				
14	25.1	-6.3			8				
13	25.0	-9.0			9				
12	24.9	-5.0			8				
11	24.6	-5.1			8				
10	23.3	-3.7	22.5	1.6	8				
9	22.7	-2.0			7				
8	22.0	+1.6		0.9	6				
7	22.0	+2.2			7				
6	22.0	+3.5			7				
5	22.0	+5.0			7				
4	22.2	+5.6			8				
2.9	22.0	+5.4	16.0	0	8				
	(T/D	AT	ELM	0934	PST)				
	(T/O	AT	ELM	1020	PST)				
2.9	25.5	+3.0			13				
4	24.3	4.0			11				
5	24.9	2.0			11				
6	24.5	0.8			10				
7	24.4	-0.4			10				
8	24.7	-1.0			9				
9	25.1	-4.0			10				
10	25.5	-8.0			10				
11	25.4	-10			10				
12	25.3	-10			9				
13	25.3				9				
14	25.4				8				
15	25.5	-16	28.6	2.9	8				
16	25.4				8				
17	25.5				8				
18	25.4				9				
19	25.3				8				
20	25.3	-7.3			8				
21	25.3				9				

Flight Route: WHM - LCA - STA - ELM

Date/Time: 22 OCT '64 / 0715-1030

Flt. No. 9A

FORM 10 THE COOP

AIRCRAFT DATA

Flight Route: WHM. STA - ELM

Date/Time: 22 OCT '68 / 1245-1555 PST

Flt. No. 10

Altitude	Temp (T/0)	Dew Pt WHM	UV-In 1245	UV-out PST)	Oxld	NO ₂	NO	NO _x	CO
10.3	29.1	4.0	24.8	0	12				
11	28.8	2.5			13				
12	28.4	1.0			14				
13	27.8	2.0			14				
14	27.5	1.6			14				
15	27.5	1.1		2.0	14				
16	27.3	1.3			12	1			
17	26.9	3.6			13				
18	26.4	2.1			15				
19	26.1	1.3			16				
20	25.8	1.5	28.7	2.0	15				
21	25.4	0.6			16				
22	25.2	1.2			17				
23	25.0	0.3			17				
24	24.9	1.1			17				
25	24.5	0.9	29.3	2.4	18				
26	24.4	0.8			18				
27	24.2	1.0			19				
28	24.1	-0.4			18				
29	23.9	1.5			18				
30	23.3		29.4		18				
31	23.2				18				
32	23.1				17				
33	22.8				17				
34	22.4				17				
35	22.4	2.7	30.5	2.9	16				
36	22.1				17				
37	21.8				17				
38	21.6				17				
39	21.7				13				
40	21.7	-5.0	32.9	2.9	11				
41	21.5				7				
42	21.3				6				

AIRCRAFT DATA

Flight Route: WHM - STA - ELM

Date/Time: 22 Oct '68 / 1245-1555 PST

Flt. No. 10

Altitude	Temp	Dew Pt	UV-In	UV-out	O ₃ d	NO ₂	NO	NO _x	CO
43					6				
44					5				
45					4				
46	20.7	-11.4			4				
47	20.4				4				
48	20.5				4				
49	20.3				4				
50	20.4	-11.0	32.5	4.0	4				
(Descent STA)									
49	21.4	-14.0		5.3	4				
48	21.6				4				
47	-				4				
46	-				4				
45	22.3	-18.0			4				
44	22.4				4				
43	22.5				4				
42	22.8				4				
41	23.0				4				
40	23.2	-14.8		4.9	4				
39	23.2				4				
38	23.3				4				
37	23.6				5				
36	23.8				4				
35	24.1	-12.2		4.5	4				
34	24.2				8				
33	24.3				5				
32	24.6				5				
31	24.8				5				
30	25.0	-10.0	32.5	4.5	5				
29	24.8				-				
28	25.3				-				
27	25.4				-				
26	25.4				-				
25	25.5	-6.7		3.7	-				
24	25.6				-				

AIRCRAFT DATA

Flight Route: WHM - STA - ELM

Date/Time: 22 OCT '68 / 1245-1555 PST

Flt. No. 10

Altitude	Temp	Dew Pt	UV-In	UV-out	Oxid	NO ₂	NO	NO _x	CO
23	25.8								
22	25.9								
21	26.1								
20	26.1	-5.5		2.9					
19	26.3								
18	26.5								
17	26.7								
16	26.7								
15	26.7	-6.6	27.5	3.3	18				
15	(SAMPLE OVER STA, 1315-1332 PST)					2.4	0.7	3.1	2.5
	(DEPART EASTBOUND AT					076 DEG-TRUE COURSE)			
15	25.3	-1.8	24.8	3.3	24	(POSITION: STA)			
13	24.4	+5.5	19.1	2.0	40	(POSITION: STA + 3.7 MI)			
13	24.4	+5.0	19.5	2.0	24	(POSITION: STA + 6.5 MI)			
14					30				
15					34				
16					34				
17					20				
18	25.9	-1.5	25.6	2.4	12	(POSITION: STA + 9.6 MI)			
17					9				
16					18				
15					21				
14					27				
15					27				
16					28				
17					31				
18	25.4	+2.0	28.3	4.0	32	(POSITION: STA + 13.0 MI)			
19					26				
20					19				
21					12				
22					9				
	EL MONTE AIRPORT 1 MI NORTH ON LEFT WING								
22	26.0	-3.0	25.6	4.9	8	(POSITION: STA + 15.6 MI)			

AIRCRAFT DATA

Flight Route: WHM-STA-ELM

Date/Time: 22 OCT 68 / 1245-1555 PST

Flt. No. 10

Altitude	Temp	Dew Pt	UV-In	UV-out	Oxid	NO ₂	NO	NO _x	CO
	(DESCENT		EGP	1343	PST)				
25	25.0	-6.0	26.7	4.9	7				
24	25.5	-6.0			7				
23	25.4	-4.5			7				
22	25.9	-3.4			8				
21	26.0	-3.4			7				
20	26.0	-7.5		4.4	8				
19	26.2	-3.0			8				
18	26.5	-3.0			8				
17	26.0	-1.4			16				
16	26.0	+1.6			20				
15	25.8	+4.6		3.3	18				
14	25.8	7.8			19				
13	25.6	8.4	20.0		20				
	(SAMPLE	1350-1410	PST AT EGP)						
13				3.3	28 to 32	11.1	0.9	12.0	
13	25.5	2.0	22.5		32	(140P	PST)		
14	25.3	7.4			29				
15	26.1	8.8			30				
16	26.3	4.8			26				
17	26.5	0.2			13				
18	26.5	-2.5			8				
19	26.0	-2.5			7				
20	26.0	-1.8			7				
19	27.5	-4.4			8				
18	28.0	-5.0			8				
17	28.0	-3.6			13				
16	28.0	-2.7	21.4	3.7	18				
16	(SAMPLE	AT EGP, 1415-1432	PST)			2.6	0.3	2.9	TR
CYCLIC VARIATIONS IN OXIDANT, PEAKS CORRELATED WITH UPDRAFT, MINIMUMS WITH DOWNDRAFTS, RANGE 12 TO 32 ppm									

AIRCRAFT DATA

Flight Route: WHM - STA - ELM

Date/Time: 22 OCT '68 / 1245-1555 PST

Flt. No. 10

Altitude	Temp	Dew Pt	UV-in	UV-out	Oxid	NO ₂	NO	NO _x	CO
	DESC	ENT	AT	ELM					
20	26.2	-12.5	20.0	2.4	7				
19	26.6	-4.7			8				
18	26.7	-2.2			11				
17	26.7	0.0			13				
16	26.7	0.0			12				
15	26.4	0.0		2.0	13				
14	26.0	2.6			13				
13	26.0	4.1			13				
12	26.0	7.1			14				
11	25.7	8.8			15				
-									
9	26.5	10.2		2.0	-				
8	26.8	10.0							
7	26.8	10.7							
6	26.9	10.8							
5	27.5	11.7							
4	27.8	11.4							
3	27.9	11.0	9.6	0					
	T/D	ELM	1445	PST					
	T/O	ELM	1533	PST					
3	26.5	12.5			3	(Observer notes hole in haze at take-off.)			
4	26.2	11.0			3				
5	26.1	11.0			3				
6	25.4	11.5			4	← SPIKE TO 55			
7	25.0	11.0			24				
8	25.0	10.6			18				
9	24.3	10.4			15				
10	24.1	10.5			14				
11	24.0	10.5			14				
12	24.7	9.0			16				
13	25.4	5.3			23				
14	25.8	2.8			21				
15	26.2	-0.5			12				
16	26.4	-0.8			5				

AIRCRAFT DATA

Flight Route: WHM - STA - ELM

Date/Time: 22 OCT 68 / 1245-1555 PST

Flt. No. 10

[illegible]

AIRCRAFT DATA

Flight Route: WHM-LCA-STA-ELM

Date/Time: 23 Oct 68 / 0725-0925 PST

Flt. No. 11

Altitude	Temp	Dew Pt	UV-in	UV-out	Oxid	NO ₂	NO	NO _x	CO
	<u>T/O</u>	<u>WHM</u>	<u>0725</u>	<u>PST</u>					
10.3	18.0	-1.2	5.0	0	0.5				
11	21.5	-8.0	5.7	0.2	1				
12	22.5	-10.	5.7	0.2	2				
13	22.8	-9.4	5.7		3				
14	23.1	-7.0	5.7	0.2	2.5				
15	23.4	-7.5	5.7	0.8	2.5				
16	23.9	-8.8	6.1		3.5				
17	24.0	-8.2	6.9		3.5				
18	24.2	-8.5	6.9	0.6	3.5				
19	24.0	-6.8	7.6		4				
20	24.7	-8.0	6.5	0.6	4				
21	24.8	-8.2	6.1	0.8	4				
22	25.0	-8.5	6.1		4				
23	25.0	-8.5	6.9		3				
24	24.9	-8.0	6.9		1.5				
25	24.5	-8.0	6.9	0.8	1				
26	24.8	-7.6	6.9		1				
27	24.8	-8.0	6.9		1.5				
28	24.8	-8.5	6.9		2.5				
29	25.0	-9.2	6.9		3				
30	24.7	-10.8	6.9	0.8	4				
31	24.7		7.3		4				
32	24.5		7.3		4				
33	24.2		6.9		4				
34	24.0		7.3		4				
35	23.9	-7.0	7.3	0.8	5				
36	23.8		7.3		4				
37	23.4		6.9		4.5				
38	23.1		7.3		4				
39	22.8		7.6	1.0	4				
40	22.5	-10.	7.6		4.5				
41	22.4		7.6		4				
42	22.3		8.0		4				
43	22.1		6.1	1.4	4				

AIRCRAFT DATA

Flight Route: WHM-LCA-STA-ELM

Date/Time: 23 Oct '68 / 0725-0925 PST

Flt. No. 11

Altitude	Temp	Dew Pt	UV-in	UV-out	Oxid	NO ₂	NO	NO _x	CO
44	22.0		5.7		4				
45	21.9	-12.	7.6	1.6	4				
46	21.7		6.9		4				
47	21.5		7.6		4				
48	21.3		7.6	2.0	4				
49	21.0		7.6		4				
50	21.0	-12.	8.0	1.6	4				
(DESCENT STA 0740 PST.)									
48	23.1	-23.		3.3	3				
47	22.5				3				
46	22.5				3.5				
45	22.5	-14.		3.3	3.5				
44	22.7				4				
43	22.5				4				
42	23.0				5				
41	23.3				5				
40	22.5	-10.	7.6	2.9	5				
39	23.2				5				
38	23.2				5				
37	23.6				5				
36	23.7				5				
35	23.7	-8.5	9.5	2.4	6				
34	24.0				6				
33	24.2				5.5				
32	24.2				5.5				
31	24.2				5.5				
30	24.2	-10.	9.5	2.0	6				
29	24.3				6				
28	24.5				6				
27	24.6				6				
26	25.0				6				
25	24.9	-5.7	8.4	1.6	6.5				
24	24.9	-3.8			6.5				
23	25.0	-3.8			6.5				
22	25.0	-4.4			6.5				

AIRCRAFT DATA

Flight Route: WHM - LCA - STA - ELM

Date/Time: 23 Oct '68 / 0725-0925 PST

Flt. No. 11

Altitude	Temp	Dew Pt	UV-In	UV-out	Oxid	NO ₂	NO	NO _x	CO
21	25.0	-4.4		0.8	-				
20	25.0	-5.5	9.5	0.8	-				
19	25.0	-5.6		1.6					
18	24.6	-4.0		1.6					
17	24.2	-2.5		1.2					
16	24.0	-3.5		1.2					
15	23.8	-3.5	9.5	1.6					
15	(SAMPLE 0749-0805 PST, STA)								Tr.
15	24.4	-5.6	12.2	1.6	5.5				
16	24.7			2.4	6				
17	25.0				6				
18	25.1			2.4	6				
19	25.0				6				
20	25.0	-5.5		2.4	5.5				
21	25.2				6				
22	25.3	-4.7	17.2	3.3	6				
22	(SAMPLE 0819-0835 PST)								1.4
23	25.0			2.9	7				
24	24.9			3.3	8				
25	24.9	-4.5	17.7	3.3	7.5				
26	24.8				7.5				
27	24.7				7.5				
28	24.6				7				
29	24.7			3.3	7				
30	24.4	-8.0	17.2	3.7	6				
31	24.2				6				
32	24.3				6				
33	24.2				6				
34	24.0				4				
35	24.0	-5.8	17.2	3.7	3.5				
	(END CLIMB AT STA)								

AIRCRAFT DATA

Flight Route: WHM-LCA-STA-ELM

Date/Time: 23 Oct 68 / 0725-0925 PST

Flt. No. 11

Altitude	Temp	Dew Pt	UV-In	UV-out	Oxid	NO ₂	NO	NO _x	CO
	(DESCENT		AT	EGP)					
35	-		20.6						
34	24.3	-12.6		3.7					
33	24.3				-				
32	24.5				5				
31	24.8			4.0	4				
30	24.8	-12.0	19.1	3.7	4				
29	25.0				5				
28	25.3			3.7	5.5				
27	25.4				5.5				
26	25.6				6				
25	25.4	-9.2	17.2	3.3	5.5				
24	25.3				5				
23	25.2				5.5				
22	25.3				6				
21	25.3				7.5				
20	25.2	-7.0	16.0	3.3	8				
19	25.2			3.3	9				
18	25.2			2.9	10				
17	25.0				10				
16	24.3			2.9	9.5				
15	24.1	-5.6			9				
14	24.2				8				
13	24.2	-4.8	18.0	2.4	8				
13	(SAMPLE AT 0845-0903 PST, EGP)								Tr.
14	24.5		20.6	3.3	7				
15	24.6	-5.2		3.3	8				
16	25.6				7				
17	25.8				6				
18	25.9				7.5				
19	25.9				8				
20	25.9	-8.6	21.0	3.3	8				
21	26.0				8				

AIRCRAFT DATA

Flight Route: WHM - LCA - STA - ELM

Date/Time: 23 Oct '68 / 0725-0925 PST

Flt. No. 11

Altitude	Temp	Dew Pt	UV-In	UV-out	Oxid	NO ₂	NO	NO _x	CO
22	26.2			3.3	8				
23	26.1			3.7	6				
24	26.1				5.5				
25	26.4	-12.5	22.1	4.0	5.5				
22	(BAG SAMPLE 0914 PST, EGP)								Tr
30	25.3	-7.8	24.8	4.0	6				
29	25.8				6				
28	-				6				
27	26.1			3.7	6				
26	26.2			3.3	6				
25	26.3	-11.5	23.7	3.3	5				
24	26.4				5				
23	26.3				5				
22	26.4				5				
21	26.5			3.3	5.5				
20	26.5	-11.4	23.7	2.9	5.5				
19	26.7	-6.5			6.5				
18	26.5	-7.4			7				
17	26.3	-6.5			9				
16	26.0	-4.3			10				
15	25.5	-3.5	22.9	2.4	10				
14	25.6	-5.8			10				
13	25.6	-3.4		2.4	9				
12	25.5	-3.4		2.8	8.5				
11	25.3	-5.8		3.3	8.5				
10	25.0	-3.5	22.1	2.0	8.5				
9	24.5	-2.5		1.6	5				
8	24.3	-1.5		1.6	3				
7	22.9	+1.8		2.0	2				
6	22.8	6.3		1.2	1.5				
5	22.8	7.2	19.1	0.8	1				
4	22.6	7.5			1				
3	22.4	8.3	15.7	0.4	1				

T/D ELM 0925 PST
END FLT 11 -470-

Sheet 5 of 5.

AIRCRAFT DATA

Flight Route: WHM - STA - ELM

Date/Time: 23 Oct. '68 / 1232 - 1449 PST

Flt. No. 12

Altitude	Temp (T/O)	Dew Pt WHM	UV-in 1232	UV-out PST	Oxid	NO ₂	NO	NO _x	CO
10.3	33.5		26.7	0.8					
11	32.6			1.6					
12	32.1			1.6					
13	32.2	-4.9		1.6					
14	31.8	-1.6		2.0					
15	31.8	-1.5		2.4					
16	31.3	-0.8							
17	30.5	-0.9							
18	30.2	-4.3							
19	29.8	-0.3							
20	29.4	-0.5	28.3	2.4					
21	29.0	+0.5							
22	28.8	-0.8							
23	28.6	-1.6							
24	28.1	-1.8							
25	28.1	-2.0	28.6	2.4					
26	27.8	-2.4							
27	27.4	-3.0							
28	27.2	-2.5							
29	26.9	-2.3							
30	26.4	-1.8	31.3	2.4					
-									
35	25.4	-5.8	30.5	2.4					
-									
40	24.1	-9.0	29.8	2.9					
-									
45	22.2	-8.6	31.7	3.3					
-									
50	21.5	-13.	32.4	3.3	4				
(DESCENT OVER STA, 1242 PST)									
49	21.9	-18.		5.7	4				
48	22.4				4				
47	22.7				3				
46	23.0			5.7	3.5				

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AIRCRAFT DATA

Flight Route: WHM-STA-ELM

Date/Time: 23 Oct 68 / 1232-1449 PST

Flt. No. 12

Altitude	Temp	Dew Pt	UV-In	UV-out	Oxid	NO ₂	NO	NO _x	CO
45	23.1	-13.	27.5	5.3	3.5				
44	23.2				4				
43	23.2				4				
42	23.3				4				
41	23.6				4.5				
40	23.5	-14.		4.9	4.5				
39	23.5				5				
38	23.8				5				
37	24.2				5				
36	24.3				5				
35	24.4	-11.	23.7	4.9	5.5				
34	24.4				5.5				
33	24.6				6.5				
32	24.8			4.5	-				
31	25.2				7.5				
30	25.3	-8.2	26.7	4.0	7.5				
29	25.6	-8.8			7				
28	26.0	-9.8			6				
27	26.1	-8.0			-				
26	26.4	-7.9		4.0	-				
25	26.8	-9.2		3.7					
24	27.1	-9.0							
23	27.2	-9.0							
22	27.6	-9.8							
21	27.8	-9.8							
20	28.0	-10.	24.8	3.5					
19	28.3	-11.							
18	28.6	-12.							
17	28.8	-11.							
16	29.1	-8.0							
15	29.4	-9.0		3.3					
(DEPART STA 1250 PST, HEAVY HAZE LAYER BELOW)									
(SAMPLE OVER ECM, 1307-1322 PST)									
14.5			19.1	3.3	24	4.8	1.3	6.1	
(DEPART TO ELM 1324 PST)									

AIRCRAFT DATA

Flight Route: WHM-STA-ELM

Date/Time: 23 Oct '68 / 1232-1449 PST

Flt. No. 12

Altitude	Temp	Dew Pt	UV-In	UV-out	Oxid	NO ₂	NO	NO _x	CO
15	29.7	+1.4		2.4	26				
-									
18	29.5	-3.0		2.9	20				
19	29.2	-3.4			19				
20	29.1	-2.8	24.8	2.9	18				
21	28.8			3.3	16				
22	28.5			3.3	15.5				
23	28.0			3.3	15.5				
24	28.6				16				
25	27.6	-7.0	25.2	4.0	12				
26	27.3			4.0	12				
27	27.3				13				
28	27.0			4.5	13				
29	26.5			4.5	12				
30	26.2	-6.5	25.6	4.5	10				
31	26.0				10				
-									
33	26.4				8				
34	25.7				9				
35	25.6	-7.0	25.6	4.5	10				
36	25.3				10				
37	25.3				10				
38	25.0				9				
39	24.8				8				
40	24.7	-10.4	26.7	4.9	7				
(DESCENT EGP 1331 PST)									
40	24.8	-20.			4				
39	24.8			4.9	4				
38	25.0				4				
37	25.2			4.0	4				
36	25.5				4.5				
35	25.6	-10.	28.7	4.5	5				
34	26.0				6				
33	26.3			4.0	7				

AIRCRAFT DATA

Flight Route: WHM-STA-ELM

Date/Time: 23 Oct '68 / 1232-1449 PST

Flt. No. 12

Altitude	Temp	Dew Pt	UV-in	UV-out	Oxid	NO ₂	NO	NO _x	CO
32	26.1				7				
31	26.2				11				
30	26.5	-5.8	24.1	4.0	14				
29	26.9				14				
28	27.5			3.3	13.5				
27	27.6				12.5				
26	27.8				12				
25	27.8	-6.2	22.9	3.3	12				
24	27.8				12				
23	28.1				12				
22	28.4			3.3	12				
21	28.7				12				
20	29.2	-5.2	26.0	2.9	12				
19	29.4	-4.2			-				
18	29.8	-4.7							
17	30.2	-6.0							
16	30.3	-5.5							
15	30.7	-4.5		2.4					
14	31.0	-4.0							
13	31.1	-5.0	22.9	2.9					
(CLIMB EGP 1337 PST)									
15	30.6	-3.5	17.2	2.4	14				
16	30.3	-2.2			14				
17	30.2	-3.4			14				
18	29.9	-2.0		2.4	15				
19	29.4	-2.0		2.9	15.5				
20	28.9	-2.4	18.3	3.3	17				
21	28.6				17				
22	28.5			3.7	17				
23	28.3				16.5				
24	27.7				16.5				
25	27.8	-3.7	22.9	3.3	16				
26	28.0				16				
27	27.8			3.3	14				
28	27.3			3.7	12.5				

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Sheet 4 of 7.

AIRCRAFT DATA

Flight Route: WHM-STA-ELM

Date/Time: 23 Oct '68/1232-1449 PST

Flt. No. 12

Altitude	Temp	Dew Pt	UV-In	UV-out	Oxid	NO ₂	NO	NO _x	CO
29	26.8				12.5				
30	26.6	-5.8	22.9	4.0	12.5				
31	26.4				12.5				
32	26.1				13				
33	26.0				12				
34	25.9				11				
35	25.6	-4.5	24.1	4.0	11				
36	25.3				10				
37	25.0				8.5				
38	24.5				7.5				
39	24.4				7.5				
40	24.2	-4.2	28.7	4.0	6.5				
41	24.2				5				
42	23.9				4.5				
43	23.6				4				
44	23.3				4				
45	23.0	-9.0	30.6	3.7	4				
46	22.8				4				
47	22.7				4				
48	22.4				3.5				
49	22.0				4				
50	22.0	-8.8		4.9	4				
51	21.7				3.5				
52	21.3				3.5				
53	21.2				4				
54	21.2				3.5				
55	20.8	-10.		5.3	3.5				
56	20.3				3				
57	20.3				3				
58	19.7				3				
59	19.5				3				
60	19.2	-12.		6.2	2.5				
OVER ELM 1349 PST									
SMOG FRONT OVER ELM AIRPORT 1352 PST									
DESCENT TO OVER SAN GABRIEL RIVER									

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AIRCRAFT DATA

Flight Route: WHM - STA - ELM

Date/Time: 23 Oct 84 / 1232-1449 PST

Flt. No. 12

Altitude	Temp	Dew Pt	UV-In	UV-out	Oxld	NO ₂	NO	NO _x	CO
	(SAMPLE	1401 PST	OVER	RTE 210	HIGHWAY)				
15	31.5			2.0	12				2.5
	1st PASS THRU SMOG FRONT - HOLD 1500 FT AND FLY SW ALONG SAN GABRIEL RIVER, 1403 PST								
15	31.4			2.0	14	(OVER SFD)			
15	31.2			2.0	16	(EGP - SMOG EDGE)			
15	31.5	-1.5		1.6	22	(IN SMOG)			
14					24	(DOWN DRAFTS)			3.2
	CLIMB OUT OF SMOG - RETURN EAST								
14	30.7			2.9					
-									
16	30.0	-1.2		4.0	24				
17	29.5	-1.8		5.3	21				
18	29.6	-0.5		4.0	20				
19	29.6	+1.5		3.3	22				
20	29.1	+1.0		3.7	23				
21	28.8	+0.4		3.3	22				
22	28.5	+1.1		3.3	22				
23	28.3	+1.2		3.7	24				
23			19.1			(1409 PST)			
23			19.1			(1417 PST, OVER WASH)			
	DESCEND TO 1500 FT FOR 2nd PASS								
15	31.3	-4.8	14.1	2.0	15				
15	31.4	-5.5	13.0	1.6	14	(OVER SFD)			
					32	(SPIKE AT SE EDGE OF DAM)			
15	31.0	-4.3	12.2	2.0	18	(EGP)			
	CLIMB OUT - RETURN TO SFD								
	ELM AIRPORT IS NOW BELOW VFR MINIMUMS								
	COURSE SW OVER SAN GABRIEL RIVER FOR 3rd PASS								
15					14.5				
15					39	(SPIKE - 1418 PST)			
15	31.2	-4.5		0.9	24	(OVER SFD)			

AIRCRAFT DATA

Flight Route: WHM-STA-ELM

Date/Time: 23 Oct. 68 / 1332-1449 PST

Flt. No. 12

Altitude	Temp	Dew Pt	UV-in	UV-out	Oxid	NO ₂	NO	NO _x	CO
15	31.0	+1.4		2.0	33	(OVER	EGP)		
	SAMPLE OVER EGP 1425-1440 PST								
15					30	6.7	0.6	7.3	4.6
	CLIMB TO ELM AIRPORT 1443 PST								
15			11.5		30				
16	29.7	-0.1		2.0	26				
17	29.6	+3.2		2.4	26				
18	29.7	+0.3		2.4	22				
19	29.3	-2.0		2.4	20				
20	29.0	-2.8	11.8	2.9	19				
21	28.7	-4.3		2.9	16				
22	28.5	-5.9		2.4	14				
23	28.4	-6.7		3.3	12				
24	28.1	-6.0		4.0	14				
25	28.2	-10.	13.4	2.0	13				
	ELM IS NOW VFR 1446 PST								
10	31.5	-3.5	12.8	0.8	15				
9	32.0	0.0		0.8	16				
8	32.3	+4.3		0.8	17				
7	32.4	16.2		0.4	17.5				
6	32.4	+7.2		0.2	18				
5	32.6	+7.8	9.9	0	18				
4	32.8	+7.0		0	18				
3	33.0	+6.8	8.8	0	18				
	T/D ELM 1449 PST								
	END FLT 12								

AIRCRAFT DATA

Flight Route: WHM-STA-ELM

Date/Time: 24 Oct '68 / 0757-0936 PST

Flt. No. 13

Altitude	Temp	Dew Pt	UV-In	UV-out	Oxid	NO ₂	NO	NO _x	CO
	<u>T/O</u>	<u>WHM</u>	<u>0757</u>	<u>PST</u>					
10.3	23.0	4.2	8.9	0.4	1.5				
11	24.4	1.4			1.5				
12	25.5	0.1			2				
13	26.1	-1.2			2				
14	26.6	-0.2			2				
15	26.9	-0.5		0.8	2				
16	27.2	-1.2			2				
17	27.5	-0.9			2				
18	27.4	-0.8			2				
19	27.6				2				
20	27.6	+2.1	11.2	0.8	3				
21	27.6				2.5				
22	27.5				2.5				
23	27.3				2.5				
24	27.2				2.5				
25	27.0	-1.5	11.2	0.8	2.5				
26	26.6				2.5				
27	26.5				2.5				
28	26.5				0.5				
29	26.3				0.5				
30	26.0	-0.6	11.2	0.8	1				
31	25.9				1				
32	25.8				2				
33	-								
34	25.4				2				
35	25.1	-3.0		0.8	2				
36	24.8				2				
37	24.5				2				
38	24.3				2.5				
39	24.0				2.5				
40	23.6	-3.2	11.2	0.8	2				
					2				
45	22.7	-4.2		1.6	2				

AIRCRAFT DATA

Flight Route: WHM - STA - ELM

Date/Time: 24 Oct '68 / 0757-0936 PST

Flt. No. 13

Altitude	Temp	Dew Pt	UV-In	UV-out	Oxid	NO ₂	NO	NO _x	CO
50	21.7	-6.0		2.0	3				
	0805 PST								
	0811 PST - DESCENT STA								
50	21.6	-6.2		2.9	4				
45	22.4	-6.0		2.9	5				
40	23.7	-4.0			5				
35	25.3	-4.8		2.5	4				
30	26.3	-4.4		2.5	4				
29	26.4								
28	26.5								
27	26.8								
26	26.9								
25	27.1	-3.6		2.0					
24	27.3								
23	27.4								
22	27.7								
21	27.9								
20	28.0	-2.1		1.2					
19	28.2								
18	28.5								
17	28.6								
16	28.2								
15	28.1	-2.2	13.5	1.0	5				
	0818 PST								
	SAMPLE OVER STA 0821-0836 PST								
15						Tr	Tr		Nil
15		0843 PST	SAMPLE						Tr
30	26.3	-5.5		2.0					
	DESCENT ELM 0855 PST								
30	26.4	-5.5			3				
25	27.2	-3.4	21.2	2.0	4				
24	27.7				4				
23	27.8				4				
22	28.1				4				

AIRCRAFT DATA

Flight Route: WHM-STA-ELM

Date/Time: 24 Oct 68 / 0757-0936 PST

Flt. No. 13

Altitude	Temp	Dew Pt	UV-In	UV-out	Oxid	NO ₂	NO	NO _x	CO
21	28.3				4				
20	28.6	-0.9	21.2	1.2	4				
19	28.7				4				
18	28.7				3.5				
17	28.7				4				
16	28.4				5				
15	28.1	+0.1			4.5				
14	27.9				5				
13	27.5	-0.6	17.3	1.2	5				
		SAMPLE EGP 0903-0918 PST							
13						Tr	Tr		Tr
14	28.0				5				
15	27.9	-1.4	19.3	2.3	5				
20	28.2	-0.4		2.9	3.5				
25	27.6	-1.6	23.5	2.9	4				
		FIRST LANDING ELM 0930 PST							
3	26.9			0	7				
		TAKE-OFF ELM							
3	26.8	13.6	19.3	0	7				
4	26.5	8.0			7				
5	26.3	5.8		1.0	6.5				
6	26.7	5.7			6.5				
7	27.2	4.0			6				
8	27.3	3.3			6				
9	27.7	2.7			6				
10	27.8	2.9	25.4		5				
11	27.7				4				
12	27.6	-0.8		1.2	4				
11	27.6								
10	27.4	-0.8	25.8		5				
9	27.7	-1.5			6				
8	27.6	0.0			6				
7	27.0	2.1			7				
6	26.8	3.4			7				

AIRCRAFT DATA

Flight Route: WHM-STA.ELM

Date/Time: 24 Oct 68 / 0757-0936 PST

Flt. No. 13

[illegible]

AIRCRAFT DATA

Flight Route: ELM - STA - HANTHURNE - ELM

Date/Time: 24 Oct. '68 / 1222-1410 PST

Flt. No. 14

Altitude	Temp	Dew Pt	UV-in	UV-out	Oxid	NO ₂	NO	NO _x	CO
	T/O	ELM	ENROUTE		STA,	1222 PST			
2.9	35.9	11.0	23.1	0.2	10				
4	34.9	-4.4			8.5				
5	34.2	-3.8			9				
6	34.2	-4.8			11				
7	34.0	-5.0			9				
8	33.6	-4.5			8				
9	33.6	-4.5			8				
10	33.4	-4.4	23.1	0.8	9				
11	32.9	-5.3			8				
12	32.7				9				
13	32.4				9				
14	32.0				9				
15	31.8	-6.0		1.0	10				
16	31.4				8				
17	31.2				8				
18	30.8				9				
19	30.6				8				
20	30.4	-5.5	25.0	1.2	8				
21	30.2				8				
22	29.8				7				
23	29.6				7				
24	29.3				8				
25	28.8	-6.0		1.6	8				
26	28.4				10				
27	28.4				9				
28	27.9				5.5				
29	27.7				7				
30	27.4	-6.3	25.4	2.5	7				
35	25.6	-10.0			8				
40	24.7	-8.0	27.3	3.3	4				
		DESCENT STA							
37	25.5				4.5				
35	26.0			3.3	4				
30	27.8			3.3	4				

AIRCRAFT DATA

Flight Route: ELM-STA-HAWTHORNE-ELM

Date/Time: 24 Oct '68 / 1222-1410 PST

Flt. No. 14

Altitude	Temp	Dew Pt	UV-In	UV-out	Oxid	NO ₂	NO	NO _x	CO
25	29.5	-14		2.9					
24	29.8								
23	30.1								
22	29.4								
21	29.5								
20	29.8	-8.0							
19	30.2								
18	30.3								
17	30.7								
16	30.9								
15	31.0	-9.5	24.6	2.3	9				
	1237 PST								
	SAMPLE OVER STA 1240-1256 PST								
15						1.1	2.4		TR
	1/2 MILE NORTH OF LAX, COURSE SOUTH								
15	30.8	-7.0	24.6	2.5	5				
	SOUTH OF LAX - OZONE ODOR - BROWN LAYERS BELOW								
20	28.6	-3.0	21.2	3.7	10				
35	25.1	-6.7	25.0	4.0	4				
	DESCEND TO LAND AT HAWTHORNE								
10	31.2	-12		2.5	8				
	SURFACE WIND 240 AT 10								
7	28.0	-5.3							
6	24.5	10.2		1.2					
5									
3	24.1	15.0							
2	24.7	15.8							
1	24.9	15.8	17.3	0	4				
0									
	LAND HAWTHORNE - TAKEOFF 1340 PST								
0	24.1	17.8	17.3		7				
1	23.3	16.8			7				
2	23.0	15.6			6				
3	22.7	15.8			5				

AIRCRAFT DATA

Flight Route: ELM-STA-HAWTHORNE-BLM

Date/Time: 24 Oct '65 / 1222-1410 PST

Flt. No. 14

Altitude	Temp	Dew Pt	UV-in	UV-out	Oxid	NO ₂	NO	NO _x	CO
4	22.3	16.0			4				
5	22.0	16.0		1.6	3				
6	23.2	13.8			7				
7	29.1	3.1			31				
8	30.0	-4.9			11				
9	31.0	-8.0			8				
10	31.2	-6.7	19.3	2.0	6				
11	31.2				6				
12	30.9	-4.8			7				
13	30.5				7				
14	30.4				7				
15	30.0	-3.2		2.9	7				
16	29.8				7				
17	30.0				9				
18	29.4				9				
19	29.2				9				
20	28.9	-3.0		3.3	7				
21	28.8				7				
22	28.7				7				
23	28.4				7				
24	27.9				6				
25	27.8	-4.2	24.3	3.3	6				
DESCENT EGP 1403 PST									
25	28.3	-5.4	17.3	1.6	11				
24	29.2	-7.8							
23	29.1	(NET BULB INOPERATIVE)			15				
22	29.2				14				
21	29.3				15				
20	29.7		15.4	1.0	15				
19	30.2				14				
18	30.4				18				
17	30.7				13				
16	30.9				13				
15	31.2		15.4	0.8	12				
14	31.6				12				

AIRCRAFT DATA

Flight Route: ELM - STA - HAWTHORNE - ELM

Date/Time: 24 Oct '64 / 1222-1410 PST

Flt. No. 14

[illegible]

AIRCRAFT DATA

Flight Route: WHM-STA-ELM-S.CATALINA-ORANGE CITY-ELM

Date/Time: 25 Oct 68 / 0625 - 1130 PST

Flt. No. 15

Altitude	Temp	Dew Pt	UV-in	UV-out	Oxid	NO ₂	NO	NO _x	CO
	<u>T/O</u>	<u>WHM</u>	<u>0625</u>	<u>PST</u>					
10.3	22.2	4.4	7.7	0	1				
11	24.4	-1.8			3				
12	24.8	-4.0	7.7		4				
13	25.2	-3.8			4				
14	25.5	-2.9	7.7		4				
15	25.7	0.0	9.2	0.4	4				
16	25.9	-6.0			4				
17	26.2	-5.0			4.5				
18	26.5	-4.1			4.5				
19	26.6	-3.8			4.5				
20	26.7	-3.6	10.8	0.4	5				
21	27.0				5				
22	27.1				5				
23	26.9				5				
24	26.7				5				
25	26.6	-3.0	11.0	0.4	4.5				
26	26.3				4.5				
27	26.0				4.5				
28	25.8				4				
29	25.9				4				
30	25.8	-2.6	11.5	0.4	4				
31	25.7				4				
32	25.5				3.5				
33	25.3				3.5				
34	25.0				3				
35	24.8	0.2	11.5		3.5				
40	23.4	-3.8		1.2	4.5				
45	22.1	-3.8		1.6	5				
50	21.0	-6.5	16.9	1.6	5				
	<u>DESCENT</u>		<u>STA</u>	<u>0634</u>	<u>PST</u>				
50	20.8	-6.8	12.3	2.5	6				
45	22.3	-5.0		2.5	8				
40	23.3	-6.5	11.9	2.5	7				
35	24.4	-5.6	11.2	2.5	5				

AIRCRAFT DATA

Flight Route: WHM-STA-ELM-S.CAT.-ORANGE CITY-ELM

Date/Time: 25 Oct '68 / 0825-1130 PST

Flt. No. 15

Altitude	Temp	Dew Pt	UV-in	UV-out	Oxid	NO ₂	NO	NO _x	CO
30	25.6	-4.8		1.6	4				
29	25.8				4				
28	-								
27	25.8				4.5				
26					3				
25	26.2	-2.2	11.5		3				
24	26.3				3				
23	26.4				3				
22	26.6				3				
21	26.7				3				
20	26.7	-2.8		1.2	3				
19	26.7								
18	26.7								
17	26.4								
16	26.6								
15	26.2	-0.2	11.2	1.2					
		0849	PST						
	SAMPLE STA 0849 PST								
15									Tr
	0900 PST - HAZE TOP IS BELOW								
15	25.5	-0.8	12.7	1.6	5.5				
20	25.6	0.2		2.0	4				
25	25.4	0.0			3.5				
30	26.2	-2.4	13.9	2.5	4				
	END CLIMB STA								
	DESCENT ELM 0920 PST								
30	25.1	-7.5	24.6	1.2	2.5				
29	25.3				3				
28	25.4				3				
27					3				
26					3				
25	26.2	-6.7		2.5	3.5				
24					4				
23					4				
22					5				

AIRCRAFT DATA

Flight Route: WHM-STA-ELM-S.CAT-ORANGE CITY-ELM

Date/Time: 25 Oct 68 / 0825-1130 PST

Flt. No. 15

Altitude	Temp	Dew Pt	UV-in	UV-out	Oxid	NO ₂	NO	NO _x	CO
21					5				
20	27.2	-8.0		2.5	5				
15	26.9	-4.4		2.9	5				
14	26.9	-3.6			5				
13					5				
12	26.6	-3.5			5				
11	26.2	-3.0			5				
10	25.7	-2.3	20.8	2.0	5.5				
10	SAMPLE 0927 PST								TR
	CLIMBOUT ELM- FLY OVER ORANGE CO.-								
	HEAD WEST TO SANTA CATALINA IS.								
41	23.5	-6.0	28.1	5.3	6				
50	22.6	-5.8	26.6	6.0	6				
44			33.9		EAST EDGE S. CATALINA				
	SURFACE WIND 240 AT 5								
	FIRST SOUNDING IN OPENING IN STRATOCU AT								
	WEST EDGE ISLAND								
10	21.3	7.2	30.4		3				
5	16.2	15.6	29.6	3.3					
6	17.3	14.2		2.5					
7	19.2	13.2							
8	19.3	10.8		4.0					
9	21.2	6.8							
10	22.3	3.2	30.0	5.3					
11	22.3	2.2							
12	22.3	1.9		5.7					
13	25.8	-4.4							
14	26.3	-5.3	31.9	9.8	8				
10	21.8	6.2	34.6	7.1	9				
	BELOW STRATO CN DECK 1120 PST - SAMPLE								
5	17.8	13.7		3.1					TR
7	17.7	14.6		2.5	5				

AIRCRAFT DATA

Flight Route: WHM-STA-ELM-S,CAT-ORANGE CITY-BLM

Date/Time: 25 Oct 68 / 0825-1130 PST

Flt. No. 15

Altitude	Temp	Dew Pt	UV-in	UV-out	Oxid	NO ₂	NO	NO _x	CO
8	18.7	13.2			6				
9	20.6	9.8			6				
10	22.2	5.8			9				
11	22.7	2.5							
12	22.8	1.3		4.4	8.5				
13	23.0	1.2			8				
14	25.2	-1.2			8				
16	26.4	-3.4	31.9	4.9	8				
17	26.8				6				
18	27.2				5				
19	27.4				4				
20	27.5	-4.8	32.7	7.1	4				
21	27.6				4				
22	27.3				4				
23	27.3				4				
24	27.0				4.5				
25	26.8	-4.7		5.7	5				
26	26.7				5				
30	25.8	-3.4		6.0	5.5				
31					5				
32					5				
33					4.5				
34					4				
35	24.5	-5.9		7.1	4				
36					4				
37					3.5				
38					3.5				
39					3				
40	23.8	-6.0			3.5				
41					3				
42	23.3			5.3	3				
44	23.0	-5.5			3				
47					3				

- AIRCRAFT DATA

Flight Route: WHM-STA-ELM-S.CAT-ORANGE CITY-ELM

Date/Time: 25 Oct '68 / 0625-1130 PST

Flt. No. 15

Altitude	Temp	Dew Pt	UV-in	UV-out	Oxid	NO ₂	NO	NO _x	CO
48	22.1				3				
49					3				
50	21.6	-7.0		10.2	3				
55	20.7	-10		13.5	3				
RETURN TO MAINLAND									
FOG NEAR LONG BEACH COAST - 1039 PST									
58	20.3	-15	36.6	13.9					
DESCENT ORANGE CO. AIRPT - 1049 PST									
55	20.6	-10	34.3		2				
40	24.6	-8.2							
35	25.8	-8.5		7.7	7				
30	26.8	-6.6		6.0	7.5				
25	27.9	-6.2		5.1					
20	28.4	-6.5		4.9					
15	27.3	-4.7							
10	26.1	3.5							
9	24.7	7.8		2.5					
8	22.9	11.8	28.5						
7	23.6	11.5		1.6					
6	24.0	11.5							
5	24.2	12.2		1.2					
4	24.3	12.2							
3	24.7	13.2							
2	24.8	13.3		0.8					
1	25.6	13.8	23.9						
0.5	24.9	15.8		0					
T/D ORANGE CO. APT - 1100 PST									
T/O 1102 PST									
1	25.2	13.9	23.1	0.6	10				
2	24.5				10				
3	24.2				10.5				
4	23.8				10				
5	23.5	14.7		1.6	11				
6	23.2				11				
7	23.1				11				

AIRCRAFT DATA

Flight Route: WHM-STA-ELM-S.CAT-ORANGE CITY-ELM

Date/Time: 25 Oct 88 / 0825-1130 PST

Flt. No. 15

Altitude	Temp	Dew Pt	UV-In	UV-out	Oxid	NO ₂	NO	NO _x	CO
8	25.1				10				
9	25.9			2.5	10				
10	26.5	1.3	25.4		8.5				
11	27.0				8.5				
12	27.2				8				
13	27.7				6				
14	27.9				6				
15	27.8	-2.9	26.9	2.7	6				
16	27.8				6.5				
17	28.2				5				
18	28.4				5				
19	28.6				5				
20	28.5	-5.3		5.1	5				
21	28.4				5				
22	28.2				5				
23	28.1				6				
24					6				
25	27.9	-7.6	31.6	4.4	6.5				
26					6				
27					6				
28					7				
29					7.5				
30	26.7	-7.0	31.6	4.0	8.5				
31					10				
32					9				
33					10				
34					10				
35	25.8	-7.0		4.9	10				
36					10				
37					9.5				
38					8				
40	24.7	-7.4	32.7	5.1	7.5				
44	23.8	-8.0	34.3	6.0					
T/D ELM 1130 PST									
END FLT 15									

AIRCRAFT DATA

Flight Route: WHM - STA-ELM

Date/Time: 25 Oct '68 / 1348-1546 PST

Flt. No. 16

Altitude	Temp	Dew Pt	UV-In	UV-out	Oxid	NO ₂	NO	NO _x	CO
	T/O	WHM	1348	PST					
10.3	32.0	6.6	13.8	0	26				
11	31.4	4.4			29				
12	30.7	4.3			28				
13	30.6	1.8			26				
14	29.8	2.6		1.2	28				
15	29.4	3.7			26				
16	29.2	4.3			31				
17	28.7	5.5			28				
18	28.4	4.7			30				
19	28.3	4.0	23.1		26				
20	28.3	1.3		2.0	17				
21					22				
22					12				
23					11				
24					11				
25	27.3	-0.4		2.0	15				
26					15				
27					11				
28					10				
29					17				
30	26.5	0.3		2.0	17				
31					22				
32					17				
33					18				
34					20				
35	25.2	0.9		2.0	20				
36					19				
37					20				
38					21				
39					23				
40	23.3	1.7	23.1	2.4	23				
41					15				
42					11				
43					10				

AIRCRAFT DATA

Flight Route: WHM-STA-ELM

Date/Time: 25 Oct. '68 / 1348-1546 PST

Flt. No. 16

Altitude	Temp	Dew Pt	UV-In	UV-out	Oxid	NO ₂	NO	NO _x	CO
44					7.5				
45	22.2	-7.5		4.0	8.5				
46					9				
47					9				
48					8				
49					5				
50	20.4	-7.1	23.1	4.4	5				
51					4				
52					4				
END CLIMB 1357 PST									
DESCENT STA									
48	21.5	-8.9	21.9	5.3	4				
47					4				
46					5				
45	22.2	-9.8			5				
44					5				
43					5				
42					7				
41					8				
40	23.5	-7.1		5.3	9				
39					10				
38					11				
37					12				
36					12				
35	25.1	-7.4			11				
34					11				
33					10				
32					11				
31					11				
30	26.4	-6.0		5.3	11				
29					10				
28									
27									
26									
25	27.7	-9.0							

AIRCRAFT DATA

Flight Route: WHM-STA-ELM

Date/Time: 25 Oct 64 / 1348-1546 PST

Flt. No. 16

Altitude	Temp	Dew Pt	UV-In	UV-out	Oxid	NO ₂	NO	NO _x	CO
20	27.6	-7.4		4.0					
15	26.7	-3.2	16.5						
SAMPLE STA - 1415-1430 PST									
17						7.5	5.3	12.8	
CLIMB 1434 PST - STA									
15	27.1	-5.9		3.3	9				
16					8				
17					8				
18					8				
19					8				
20	27.2	-3.2		3.3	8				
21					8				
22					8				
23					7				
24					6.5				
25	27.0	-3.1			6				
26					6				
27					8				
28					9				
29					11				
30	25.8	1.0	15.4	3.7	11				
31					11				
32					9				
33					9				
34					9				
35	25.1	-6.3	15.0	4.0	9				
36					9				
37					9.5				
38					9				
39					9				
40	23.7	-4.2		4.0	9				
DESCENT ELM									
40	24.5	-16	14.6	4.0	7				
39					2.5				
38					4				

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Sheet 3 of 5.

AIRCRAFT DATA

Flight Route: WHM-STA-ELM

Date/Time: 25 Oct 68 / 1348-1546 PST

Flt. No. 16

Altitude	Temp	Dew Pt	UV-in	UV-out	Oxid	NO ₂	NO	NO _x	CO
37					5				
36					6				
35	25.3	-7.8			6				
34					6				
33					6				
32					6				
31					7				
30	25.8	-7.2		3.7	9				
29					9				
28					9				
27					9				
26					9.5				
25	26.8	-3.7			11				
24					12				
23					12				
22									
21									
20	27.4	0.0		2.5					
15	27.2	2.8							
14			9.6						
13	26.3	6.6							
SAMPLE EGP 1458-1513 PST									
14						7.1	2.0	9.1	6.0
13					19				
14	26.8	9.8	8.0	2.0	22				
15	27.3				14				
16					18				
17					24				
18					29				
19					29				
20	27.1	3.3		2.0	27				
21					23				
22					24				
23					27				
24					27				

AIRCRAFT DATA

Flight Route: WHM-STA-ELM

Date/Time: 25 Oct 68 / 1348-1546 PST

Flt. No. 16

Altitude	Temp	Dew Pt	UV-In	UV-out	Oxid	NO ₂	NO	NO _x	CO
25	26.3	1.4		2.5	19				
	SAMPLE EGP			1518-1533	PST				
18						3.5	2.0	5.5	1.0
	OXIDANTS VARIABLE			12 TO 26	PPHM				
15	26.7	0.6	5.7	0.8	17				
16					16				
17					12				
18					14				
19					23				
20	26.6	4.0			25				
21					24				
22					22				
23					20				
24					18				
25	26.0	0.1	6.9	0.8	10				
26					7.5				
27					7				
28					9				
29					8				
30	25.4	-0.4			7.5				
35	24.4	-0.5		1.2	7				
40	23.6	-1.0	7.3	1.6	9				
	DESCENT ELM								
8	26.3	11.5		0					
7	26.8	11.0							
6	27.1	11.4							
5	27.2	11.0							
4	27.3	11.4							
3	27.5	12.4		0					
	T/D ELM			1546	PST				
	END FLT			16					

AIRCRAFT DATA

Flight Route: WHM-STA-ELM-WHM

Date/Time: 28 Oct '68 / 0907-1024 PST

Flt. No. 17

Altitude	Temp	Dew Pt	UV-In	UV-out	Oxid	NO ₂	NO	NO _x	CO
	<u>T/O</u>	<u>WHM</u>	<u>0907</u>	<u>PST</u>					
10.3	26.0	8.8	13.5	0	2.5				
11	20.4	5.0			2.5				
12	19.9	6.1			2.5				
13	20.0	6.2			3				
14	21.0	3.7			5				
15	22.1	-1.5			6				
16	22.4	-2.2							
17	22.7	-1.0							
18	22.9				7				
19	23.0				7				
20	23.5	-0.4	19.2	1.2	7				
21	23.2				7				
22	23.1				7.5				
23	22.9				8				
24	23.0				8				
25	23.1	0.2			9				
26					9				
27									
28					9				
29									
30	22.6	1.4		1.4	10				
32					10				
32					10				
33					11				
34					9.5				
35	22.5	0.1			9				
36					9				
37					8.5				
38									
39					8				
40	21.8	-2.0	19.2	2.0	8				
41					8				
42					8				
43					7				

AIRCRAFT DATA

Flight Route: WHM-STA-ELM-WHM

Date/Time: 28 Oct 68 / 0907-1024 PST

Flt. No. 17

Altitude	Temp	Dew Pt	UV-In	UV-out	Oxid	NO ₂	NO	NO _x	CO
44					6.5				
45	20.6	-3.8			6				
46					6				
47					6				
48					5.5				
49	19.8	-5.2	19.2	3.3	5				
DESCENT STA 0918 PST									
49	20.2	-15		7.3	4				
48					5				
47					5				
46					5				
45	20.7	-10		6.0	5				
44					5				
43					5				
42					5				
41					5				
40	21.9	-6.8			4.5				
39					5.5				
38					5.5				
37					7				
36					7.5				
35	22.4	-5.6		6.0	8				
34					8				
33					8				
32					8				
31					8				
30	23.2	-5.0			8				
28	23.4				8				
27	23.4				8				
26	23.5				7.5				
25	23.5	-5.1			7.5				
24	23.4			5.3	7.5				
END DESCENT STA									

AIRCRAFT DATA

Flight Route: WHM-STA-ELM-WHM

Date/Time: 28 Oct '68 / 0907-1024 PST

Flt. No. 17

Altitude	Temp	Dew Pt	UV-in	UV-out	Oxid	NO ₂	NO	NO _x	CO
	ENROUTE TO ELM, VISIBILITY LESS THAN 1 MILE								
	IN HAZE								
	OVER ELM - HEAD NORTH THEN EAST ALONG								
	MTS IN HAZE LAYER								
	FIRST PASS								
30	23.3	-2.0	23.1	5.8	9				
29					8				
28					8				
27					8				
26					9				
25	23.4	-1.8			11				
24					12				
23					12				
22					12				
21					13				
20	23.3	0.4		3.3	12				
18	22.7				9				
17	22.5				10				
16	22.1				10				
15	21.3	3.1			10				
14	21.0				10				
13	20.2				10				
12	20.2	4.0		1.0	10				
12	0951	PST							0.5
13	20.2				11				
	OXIDANT SPIKE TO				30 ppm				
14	20.3				15				
15	20.9	5.0		3.3	13				
16	22.0				5				
16	0952	PST							1.6
17	22.2	2.9			10				
18	22.9				12				
19	23.0				12				
20	23.0	2.0		4.4	12				

AIRCRAFT DATA

Flight Route: WHM-STA-ELM-WHM

Date/Time: 28 Oct. 68 / 0907-1024 PST

Flt. No. 17

Altitude	Temp	Dew Pt	UV-in	UV-out	Oxid	NO ₂	NO	NO _x	CO
		0954	PST						
21					12				
22					12				
23					12				
24	23.1	1.9			12				
26					11				
27					10				
28					9				
29					10				
30	23.2	-2.3	27.7	6.0	9				
31		END	FIRST	PASS					
SECOND PASS, N FROM ELM, THEN E ALONG MTS.									
30	23.4	-4.4		7.7	9				
29					9				
28					10				
27					10				
26					11				
25	23.3	-1.5			12				
24					13				
23					14				
22					14				
21					14				
20	22.6	1.5	25.4	5.3	13				
19					13.5				
18					14				
17					14				
16					13				
15	20.8	2.4			14				
14					16				
13					15				
12.5	20.3	4.7		1.8	14				
15	21.5	2.2		2.5	11.5				
20	23.2	1.8		4.0	12				

Flight Route: WHM-STA-ELM-WHM

Date/Time: 28 Oct 68 / 0907-1024 PST

Flt. No. 17

Altitude	Temp	Dew Pt	UV-in	UV-out	Oxid	NO ₂	NO	NO _x	CO
25	23.0	-0.5			11.5				
30	23.1	-3.8		6.0	7.5				
35	22.8	-4.7			7.5				
37	23.1	-5.4	26.6	6.0	8.5				
END SECOND PASS									
DESCENT WHM									
29	23.2	-4.7		3.3	9				
28	23.4				9				
27	23.8				9				
26	23.9				9				
25	24.0	-3.0			10				
24	24.0				10				
23	23.7				10				
22	22.8				8				
21	22.8				5				
20	22.8	-0.5			4				
19	22.4	-0.2			4				
18	22.4	1.3			4				
17	22.0	2.9			8				
16	21.7	3.5		1.2	17				
15	21.7	3.5			14				
14	22.1	5.5			13				
13	22.2	5.4			14				
12	22.4	5.7	23.1	0.4	14				
11	22.7	6.1			14				
10.3	23.2	5.7	19.3	0	12				
T/D WHM 1024 PST									
END FLT 17									

AIRCRAFT DATA

Flight Route: WHM-STA-ELM-WHM

Date/Time: 28 Oct 64/1405-1607 PST

Flt. No. 1P

Altitude	Temp	Dew Pt	UV-In	UV-out	Oxid	NO ₂	NO	NO _x	CO
	T/O WHM 1405 PST								
10.3	26.6	12.5	12.7	0	21				
11	25.8	9.2			22				
12	25.5	9.4			21				
13	25.0	8.6			20				
14	24.7	8.9			20				
15	24.6	8.6		2.0	19.5				
16	24.4	5.9			15				
17	24.0	5.4			17				
18	23.9	6.3			17				
19	24.0	4.0			18				
20	23.8	4.1		2.0	19				
21					25				
22					24				
23					24				
24					20				
25	23.2	3.0			19.5				
26					17				
27					13				
28					12				
29									
30	22.7	0.7	17.3	3.1	12				
31					12				
32					11				
33					10.5				
34					10				
35	21.8	-4.8			10				
36					10				
37					10				
38					10				
39					10				
40	20.3	-4.8		3.8	9.5				
41									
42					8				
43					5				

AIRCRAFT DATA

Flight Route: WHM-STA-ELM-WHM

Date/Time: 28 Oct '68 / 1405-1607

Flt. No. 18

Altitude	Temp	Dew Pt	UV-In	UV-out	Oxid	NO ₂	NO	NO _x	CO
44					4				
45	19.6	-9.4			4				
46					5				
47					5				
48					5				
49	18.8	-13			4.5				
50			21.6	4.0	4				
END CLIMB OVER EAST END OF SANTA MONICA MTS.									
DESCENT STA 1420 PST									
50	19.0	-13	17.3	4.0	3.5				
48					4				
47					4				
46					4.5				
45	20.0	-17			4.5				
44					4				
43					3.5				
42					4				
41					5				
40	21.0	-20		4.0	4				
39					4				
38					4				
37					4				
36					4				
35	22.3	-20			4				
34					3.5				
33									
32									
31									
30	23.4	-20		3.3					
25	24.2	-20							
20	24.6	-8.4		3.1					
19	24.7	-6.2							
18	24.5	-5.6							
17	24.5	-6.8							

AIRCRAFT DATA

Flight Route: WHM-STA-ELM-WHM

Date/Time: 28 Oct '68 / 1405-1607

Flt. No. 18

Altitude	Temp	Dew Pt	UV-in	UV-out	Oxld	NO ₂	NO	NO _x	CO
16	23.7	-6.3							
15	22.2	-4.2	16.9	2.5					
	SAMPLE AT STA, 1437-1452 PST								
15						10.9	8.3	19.2	
17					12				
18	24.0	-4.0			13				
19					13				
20	24.2	-3.0		3.1	11				
21					8				
22					8				
23					6				
24					5				
25	24.4	-16			5				
26					4.5				
27					4				
28	23.8				4				
29					4				
30	23.3	-17		3.3	4				
	END CLIMB STA 1455 PST								
	DESCENT ELM								
25	24.9	-15	11.6	2.3	7				
24					6				
23	25.6	-23			6				
22					7				
21					9				
20	24.7	-3.8	10.8	1.6	19				
19									
18	24.3	1.8			20				
17					20				
16	22.7	7.5			19.5				
15	22.0	10.2			19				
14	22.5				18				
13	22.1				18				
12	22.2		8.0	1.0	17.5				

AIRCRAFT DATA

Flight Route: M/HM - STA - ELM - WHM

Date/Time: 28 Oct '68 / 1405-1607

Flt. No. 18

Altitude	Temp	Dew Pt	UV-in	UV-out	Oxid	NO ₂	NO	NO _x	CO
11					17.5				
10	22.7	11.3			17.5				
9	22.8				17				
8	23.0				17				
7	23.2								
6	23.7								
5	23.8	12.4							
4	24.1								
3	24.7	12.2	5.4	0					
	T/D	ELM	1510	PST					
	T/O	ELM	1516	PST					
3	24.5	14.3	5.4	0	18				
4	24.1	12.6			18				
5	23.8	12.4			16				
6	23.0	13.4							
7	22.2	13.9			10				
8	21.8				10				
9					10				
10	21.5	13.5	5.8	0.8	12				
11					14				
12	21.3	12.5			15				
13					15				
14	21.9				15				
15	22.8	5.1			14				
16					13				
17	23.4				14				
18					16				
19					14				
20	24.7	-4.0		2.0	13				
21					10				
22					9				
23					8				
24					6				
25	24.4	-14	8.8	2.5	5				

AIRCRAFT DATA

Flight Route: WHM-STA-ELM-WHM

Date/Time: 28 Oct '68 / 1405-1607

Flt. No. 18

Altitude	Temp	Dew Pt	UV-In	UV-out	Oxid	NO ₂	NO	NO _x	CO
	DESCENT		EGP						
24	24.0	-7.4			7				
23	23.0	0.0			17				
22	22.7	9.6			26				
21					27				
20	22.4	10.6			27				
19					27				
18					22.5				
17					27				
16					27				
15	22.0	10.5			26				
15	SAMPLE		1527 PST						4.0
	CLIMBOUT		TOWARD WEST						
15	OXIDANT SPIKE		50 ppm						
15	22.1	10.2			28				
16					28				
17					28				
18					27				
19					27				
20	22.7	9.8	7.7	7.7	26				
21					26				
22	22.8		8.3		27				
23	23.6		7.6		29				
24					17				
25	23.9	-3.6	-3.6		12				
26					7				
27					5				
28	23.8		-16.		4				
29					4				
30	23.4		-17.	9.6	3				
31					3				
32					3				
33					3				
34					4				
35	22.4		-8.8		7				

AIRCRAFT DATA

Flight Route: WHM-STA-ELM-WHM

Date/Time: 28 Oct '68 / 1405-1607

Flt. No. 18

Altitude	Temp	Dew Pt	UV-In	UV-out	Oxid	NO ₂	NO	NO _x	CO
36					7.5				
37					8				
38					8				
39					8				
40	21.2	-8.5			6				
45	20.5	-17.			3				
47	20.0				2.5				
48					2.5				
49					2				
50	19.6	-15.	7.3		2				
1535 PST, 2 MI SE PASADENA									
DESCENT WHM									
50	18.3	-11.			7				
49					6				
48					7				
47					7				
46					9				
45	19.3	-7.6			10				
44					9				
43					11				
42					13				
41					16				
40	20.5	-2.0			15				
39					15				
38					15				
37					14				
36					13				
35	21.8	-2.6			13				
34					14				
33					14				
32					15				
31					15				
30	22.9	2.1			15				
29					15				
28					15				

AIRCRAFT DATA

Flight Route: WHM-STA-ELM-WHM

Date/Time: 28 Oct 68/1405-1607

Flt. No. 18

Altitude	Temp	Dew Pt	UV-In	UV-out	Oxid	NO ₂	NO	NO _x	CO
27					15				
26									
25	23.7	-1.5							
20	24.4	-1.6							
17	23.2	1.6							
16	23.0								
15	23.5	11.7							
		END ROLL							
T/O WHM 1557 PST									
10.3	23.3	16.1	2.7	0	13.5				
11	23.0				13				
12	22.7	13.6			13				
13	22.3				12				
14	22.0				12.5				
15	22.7	12.2	3.0	0	13				
16	23.8				13				
17	23.5	3.3			14				
18	23.8				10				
19	23.7				9				
20	23.6	-1.8	4.2		8.5				
21					9				
22					10				
23					11				
24					11				
25	23.4	0.9		0	12				
26					13				
27					12.5				
28					12.5				
29					13				

Flight Route: WHM - STA - ELM - WHM

Flt. No. 18

FORM 10 THE COOP

AIRCRAFT DATA

Flight Route: WHM-STA-BLM-WHM

Date/Time: 1 Nov 68 / 1332-1543

Flt. No. 20

Altitude	Temp	Dew Pt	UV-In	UV-out	Oxid	NO ₂	NO	NO _x	CO
	T/O	WHM	1332	PST					
10.3	17.7	9.4	13.5	0	8				
11	17.4	7.6			9				
12	17.3	7.8			8.5				
13	16.8	8.1			9				
14	16.3	7.5			9				
15	16.2	7.5	15.8	1.6	9				
16	15.8	7.2			9				
17	15.3	7.6			9				
18	15.0	7.0			9.5				
19	14.7	7.9			9				
20	14.5	6.5		1.6	9.5				
21	14.2				9				
22	14.2				9				
23	13.8				9				
24	13.4				7				
25	13.0	6.8		2.0	9				
26	12.5				9				
27	12.2				8.5				
28	12.1				9				
29	11.8				8.5				
30	11.6	5.5			9				
34	10.4	5.8	15.8	3.1	8.5				
40	8.3	5.2	15.8	3.3	8	(HAZE TOPS)			
45	7.1	4.6			9				
48	7.0	1.6			8				
49	9.6	-4.8			6				
50	11.2	-15.	23.5	4.4	4				
OVER BURBANK			1341	PST					
DESCENT STA									
48	10.4	-17.			3				
47	6.7	-4.3			5				
46	6.2	2.8			6				
45	6.1	5.0			7				
40	7.2	6.8			7				

AIRCRAFT DATA

Flight Route: WHM-STA-ELM-WHM

Date/Time: 1 Nov 68 / 1332-1543

Flt. No. 20

Altitude	Temp	Dew Pt	UV-In	UV-out	O ₃ d	NO ₂	NO	NO _x	CO
39		6.7	18.1	3.7	7				
35	8.7	6.2			8				
30	10.0	7.2	13.5	1.6	8				
25	11.9	6.6			7.5				
24	12.0				7.5				
23	12.2	7.3			7.5				
22	12.1				7				
21	12.2				7				
20	12.5	7.6	12.3	0.6	7				
19	12.6				6.5				
18	12.7				7				
17	13.1				6				
16	13.6				6				
15	13.7	10.8			6				
END DESCENT STA					1352	PST			
15	SAMPLE		1355 PST						2.3
ENROUTE CLIMB TO					ELM				
15	13.6	10.5		1.0	5.5				
20	13.1	9.2		2.0	5				
23	13.1				4				
25	12.7	7.4			6				
30	11.2			3.1	6				
35	9.8	7.2			6				
40	8.4	6.8	13.2	3.1					
45	7.8	5.3							
48	9.2	2.2							
50	9.4	-2.2	13.2		6				
52	9.9				7				
55	10.3	-1.5			6				
58	10.4	-3.5			6				
60	10.5	-13.	17.3	4.0	4				
65	9.0	-11.			3				
70	7.7	-8.0		5.3	3				
1410					PST				

AIRCRAFT DATA

Flight Route: WHM-STA-ELM-WHM

Date/Time: 1 Nov '68 / 1332-1543

Flt. No. 20

Altitude	Temp	Dew Pt	UV-in	UV-out	Oxid	NO ₂	NO	NO _x	CO
DESCENT SANTA FE DAM									
60	11.6	-2.0	16.9	3.3	2.5				
58	11.3	-8.2			3				
56	9.5	3.1			5.5				
55	9.5	4.3			6				
50	9.0	0.1			6				
47	8.0	6.2			6				
45	7.8	6.6	17.3	3.1					
40	8.4	6.8	16.2	3.1	10				
39	8.9				7				
35	9.8	6.7	14.2	2.0	7				
30	11.4	7.0	11.6	1.8	7				
25	12.9	7.7	11.2	1.0	7				
		1430	PST						
23	13.9				7				
20	14.5	7.9	8.5	0.8	6				
15	15.6	9.3	8.5	0.4	5.5				
15		SAMPLE OVER EGP				1435 PST			2.7
14	16.2				4				
13	16.5				4				
12	16.8				4				
11	16.7		6.5	0.2	4				
10	16.5	9.9			4.5				
9	16.8				5				
8	17.2				5				
7	17.6				5				
6	18.3				5				
5	18.3	10.8			4.5				
4	18.4				4				
3	18.8	11.3	7.7	0	4				
		T/D ELM 1440 PST							
		T/D ELM 1526 PST							
3	18.1	13.1	5.8	0	5				
4	17.8	13.2			4.5				
5	17.8	11.5			4.5				

Flight Route: WHM - STA - ELM - WHM

Flt. No. 20

FORM 10 THE CORP.

AIRCRAFT DATA

Flight Route: WHM-STA-ELM-WHM

Date/Time: 6 Nov '68 / 1344-1650 PST

Flt. No. 21

Altitude	Temp	Dew Pt	UV-In	UV-out	Oxid	NO ₂	NO	NO _x	CO
	T/O	WHM	1344	PST					
10.3	23.8	6.4	21.2	0	3.5				
11	22.9	2.4			3				
12	22.9	0.2			4				
13	22.4	-0.9			4				
14	22.2	-1.2			3.5				
15	22.7	-3.5		1.2	4				
16	22.6				4				
17	21.3				4				
18	20.9				4				
19	20.5				4				
20	20.3	-3.0		1.2	4				
21	20.0				4				
22	19.8				4				
23	19.7				4				
24	19.3				4				
25	19.0	-1.3	23.1	1.2	4				
26	18.5				4				
27	18.3				4				
28	17.9				4				
29	17.8			1.2	4				
30	17.3	-2.5			4				
35	15.9	-3.4			4.5				
40	14.3	-3.4	23.1	2.0	6				
45	12.8	-1.3		3.7	6.5				
50	11.9	-2.5	26.2	4.4	7				
1351 PST, OVER HILLS SOUTH OF LA CANADA.									
HIGH LEVEL SMOG TOWARDS THE SOUTH ENCIRCLING THE									
CLEAR AREA FROM SAN FERNANDO VALLEY THRU TO									
PASADENA									
DESCENT STA									
50	13.1	-16			3				
47	13.5				3.5				
45	14.4	-19			3				

AIRCRAFT DATA

Flight Route: WHM-STA-ELM-WHM

Date/Time: 6 Nov '68 / 1344-1650 PST

Flt. No. 21

Altitude	Temp	Dew Pt	UV-In	UV-out	Oxid	NO ₂	NO	NO _x	CO
44	14.6		21.6	4.4	3				
42	15.1				3.5				
		1402	PST						
40	15.5	-10	21.6	4.4	3.5				
38	15.8				4				
35	16.4	-11	20.8	4.6	4				
34	16.5				4				
33	16.5				4.5				
32	16.5				5				
31	16.6				6				
30	16.7	-5.0	20.8	3.8	7				
29	16.8				8				
28	16.9				8				
27	17.2				9				
26	17.3				9.5				
25	17.3	-1.8	21.6	3.7	10				
24	17.3				10				
23	18.0				10				
22	18.2				10.5				
21	18.3				11				
20	18.5	-0.4	16.2	2.9	11				
19	18.8				11				
18	19.0				11				
17	19.1	0.7			12.5				
16	19.3				13				
15	19.2	3.0							
	SAMPLE STA, 1409-1424 PST								
15						6.1	5.5	11.6	
	CLIMB STA 1431 PST								
15	19.3	0.7	13.9	2.9	12				
16	19.0				13				
17	19.0				12				
18	18.8				12				
19	18.8				11				
20	18.5	1.6	15.0	2.5	11				

AIRCRAFT DATA

Flight Route: WHM-STA-ELM-WHM

Date/Time: 6 Nov '68 / 1344-1650 PST

Flt. No. 21

Altitude	Temp	Dew Pt	UV-in	UV-out	Oxid	NO ₂	NO	NO _x	CO
21	18.5				10				
22	18.5				10				
23	18.3				10				
24	18.2				10				
25	18.1	-0.9	15.8	2.5	9				
26	18.6				9				
27	17.5				9				
28	17.3				8				
29	17.2				7				
30	17.0	-5.0	15.4	3.3	6	(1436 PST)			
31	17.0				5				
32	16.8				5				
33	16.6				5				
34	16.8				4				
35	16.9	-13	16.6	4.0	4				
38	16.2				4				
40	15.8	-11	15.8	3.8	3.5				
45	14.5	-12	15.4	4.0	3.5				
50	12.9	-12	15.4	4.0	3				
	END CLIMB	STA	1443	PST					
	OVER PASADENA		1450						
	DESCENT	EGP							
50	13.8		11.9	2.0	3				
45	14.4		11.9	2.0	3				
43	14.9				3				
40	15.4		11.5	1.8	4				
39	16.0	-10.5			3.5				
38	16.2				4				
35	17.1	-12	11.5	1.2	4				
	1508 PST								
32	17.9				4				
30	18.2	-10	8.8	2.0	4.5				
29	18.4				5				
28	18.8				6				

AIRCRAFT DATA

Flight Route: WHM - STA - ELM - WHM

Date/Time: 6 Nov '68 / 1344-1650 PST

Flt. No. 21

Altitude	Temp	Dew Pt	UV-In	UV-out	Oxd	NO ₂	NO	NO _x	CO
27	18.9				7				
26	19.0				7.5				
25	19.0	-2.9	7.6	1.0	8				
24	19.5				7				
23	19.5				6				
22	19.6				7				
21	19.8				7				
20	20.2	-4.5	10.0	1.0	7				
19	20.6				7				
18	20.8				7				
17	21.1				7				
16	21.4				7				
15	21.4	-3.0	9.6	0.4	8				
15		SAMPLE 1513 PST			OVER SFD				1.0
		SMOG LAYER APPROACHING ELM FROM SW							
		SMOG PENETRATION FROM SFD WITH SW HEADING							
		SAN GABRIEL RIVER AND RIVERSIDE FWY							
14.5			7.7		8				
14		SAMPLE 1516 PST			8				5.7
		CLIMB THRU							
15	20.7	2.7	8.4	0.6	12				
16	20.5				11				
17	20.2				12				
18	19.8				12				
19	20.0				10				
20	19.8	-3.4	8.4	1.2	8				
21	19.5				8				
22	19.2				8				
23	19.2				7				
24	18.8				7				
25	18.8	-3.0	8.8	1.8	7				
26	18.6				7				
27	18.5				6				

AIRCRAFT DATA

Flight Route: WHM-STA-ELM-WHM

Date/Time: 6 Nov 68 / 1344-1650

Flt. No. 21

Altitude	Temp	Dew Pt	UV-In	UV-out	Oxld	NO ₂	NO	NO _x	CO
28	18.6				6				
29	18.3				5				
30	18.2	-6.7	9.2	2.0	5				
		TURN	NORTH						
30	18.5		9.6	2.0	4				
		OVER	ELM						
29	18.8	-9.0			5				
28	18.8				6				
27	19.1				7				
26	19.2				8				
25	18.9	-4.3	7.3	1.0	8				
24	19.5				8				
23	19.5				8				
22	19.8				7				
21	20.0				7				
20	20.2	-5.6	6.5	0.8	7.5				
19	20.3				7				
18	20.2				8				
17	20.6				9				
16	20.9				9				
15	21.0	-1.4	5.7	0.4	10				
14	20.8	1.1			10				
13	20.8	2.8			10				
12	20.7	6.6			11				
11	20.7	6.7	5.7	0.4	11				
10	21.1	6.6			12				
9	21.3	8.0			11.5				
8	21.5	8.1			11				
7	22.0	9.0			11				
6	22.2	9.6			11.5				
5	22.4	9.6			11.5				
4	22.7	9.4			11.5				
3	22.8	9.4	4.2	0	12				
	T/D	ELM		1534	PST				

AIRCRAFT DATA

Flight Route: WHM-STA-ELM-WHM

Date/Time: 6 Nov 68 / 1344-1650

Flt. No. 21

Altitude	Temp	Dew Pt	UV-in	UV-out	Oxid	NO ₂	NO	NO _x	CO
	<u>T/O</u>	<u>ELM</u>	<u>1630</u>	<u>PST</u>					
3	19.7	11.6	0.8	0	6				
4	19.8	8.6			4				
5	19.5	7.7			3				
6	19.3	7.9			4				
7	19.0	7.9			4				
8	18.8	7.5			4.5				
9	19.5	6.8			5				
10	20.6	4.4	0.4	0	9				
11	21.3				9.5				
12	21.2				9				
13	20.9				9				
14	21.0				8				
15	20.8	-1.6			8				
16	20.5				7				
17	20.3				7				
18	20.2				7				
19	20.0				7.5				
20	19.8	-1.5	0.2	0	7.5				
21	19.6				7				
22	19.3				7				
23	19.2				7				
24	18.9				7				
25	18.7	-4.2	0	0	7				
26	18.5				8				
27	18.4				8				
28	18.2				8				
29	18.0				8				
30	17.9	-5.2			7.5				
31	17.6				6.5				
32	17.4				6				
35	17.5	-9.4	0	0					
	2 MI	SOUTH	ROSE	BOWL					

Flt. No. 21

Sheet 7 of 7.

AIRCRAFT DATA

Flight Route: WHM - STA - ELM - RIVERSIDE - ELM - WHM

Date/Time: 8 Nov '68 / 1310-1712 PST

Flt. No. 22

Altitude	Temp	Dew Pt	UV-In	UV-out	Oxid	NO ₂	NO	NO _x	CO
	T/O WHM	1310 PST	ENROUTE	STA	VIA VAN NUYS				
10.3	25.8	3.9	24.6	0	2				
11	25.0	2.1			3				
12	24.7	-0.8			3				
13	24.1	-0.5			3				
14	23.5	-1.7			3				
15	23.0	-1.8			3				
16	23.0	-3.5			2.5				
17	22.6	-2.7			3				
18	22.6	-4.0			2.5				
19	22.4	-3.9			3				
20	22.6	-4.0		1.0	2.5				
SMOG VISIBLE ALONG SOUTH COASTAL AREAS									
RUNNING EAST THENCE NORTH TO SAN GABRIEL MTS.									
21	22.3				2.5				
22	21.9				2.5				
23	21.5				2.5				
24	21.3				2.5				
25	21.0	-5.1		1.2	2.5				
26	21.0				2.5				
27	21.2				3				
28	20.8				3				
29	20.6				3				
30	20.5	-4.9		2.0	3				
31	20.3				3				
32	19.8				3				
33	19.6				3				
34	19.6				3				
35	19.3	-5.5	24.6	2.5	3				
DESCENT STA 1324 PST									
35	18.3	-7.5		2.5	3				
34	18.6				3				
33	18.8				3				
32	19.0				3				
31	19.3				3				

AIRCRAFT DATA

Flight Route: WHM-STA-ELM-RIVERSIDE-ELM-WHM

Date/Time: 8 Nov '68 / 1310-1712

Flt. No. 22

Altitude	Temp	Dew Pt	UV-in	UV-out	Oxid	NO ₂	NO	NO _x	CO
30	19.8	-8.5			3				
29	19.9				3				
28	19.9				4				
27	20.1				4				
26	20.6				4				
25	20.8	-6.3			4				
24	20.9				4				
23	21.2				4				
22	21.4				4				
21	21.5				4				
20	21.6	-2.4	21.9	2.3	4				
19	22.0	-3.8			4				
18	22.2	-3.9			4				
17	21.1	-2.1			5				
16	22.3	-2.2			5				
15	22.4	-1.0	23.1	0.8	5				
1327 PST, DEPART STA EAST BOUND									
OVER NEW CALVARY CEMETARY									
15	23.3	-1.4	19.6	1.0	3				
RESERVOIR 1 MI NORTH									
13.5	23.8	-0.9	19.2	0.8	5				
TURN NORTH, 5 MI WEST ELM									
14	23.1	-1.8	18.1	0.8	6				
TURN EAST OVER EGP									
14	23.5	0.5	15.4		6				
1339 PST OVER S. ANITA RACETRACK									
14	23.8	-0.1	14.2	0.8	6				
TURN SOUTH 2 MI NORTH OF EGP									
14	23.8	-2.1	15.4		9				
SAMPLE EGP 1344-1359 PST									
13					12	13.6	5.2	18.8	2.4
CLIMB OVER EGP 1400 PST									
13			13.5	0.6					

AIRCRAFT DATA

Flight Route: WHM-STA-ELM-RIVERSIDE-ELM-WHM

Date/Time: 8 Nov 68 / 1310-1712

Flt. No. 22

Altitude	Temp	Dew Pt	UV-in	UV-out	Oxid	NO ₂	NO	NO _x	CO
15	23.9	(PSYCHROMETER INOPERATIVE)							
16	23.6				12				
17	23.0				12				
18	22.9				12				
19	22.5				12				
20	22.6		17.3	0.4	10				
21	22.1				11				
22	21.8				11				
23	21.4				11				
24	21.2				10				
25	21.1		17.3	0.8	11				
26	20.7				10				
27	20.4				9				
28	20.2				9				
29	19.8				9				
30	19.6		19.2	1.6	9				
35	18.1		16.2	1.6	9				
40	16.9		17.3	2.5	11				
45	16.9		17.7	3.1	11				
46	15.3				13				
47	14.9				14				
48	15.5				13				
49	16.4				10				
50	16.5		19.2	3.5	7				
52	16.3				6				
55	16.3		21.2	3.7	4				
60	15.9		23.5	3.7	3.5				
END CLIMB ELM 1413 PST									
OVER RIVERSIDE 1429 PST									
60	16.3			2.0	3				
55	17.2				3				
50	17.8			1.6	3				
45	18.9				3				
40	20.0				3				
35	19.5				3				

AIRCRAFT DATA

Flight Route: WHM-STA-ELM-RIVERSIDE-ELM-WHM

Date/Time: 8 Nov 68/1310-1712

Flt. No. 22

Altitude	Temp	Dew Pt	UV-in	UV-out	Oxid	NO ₂	NO	NO _x	CO
30	21.2		15.8	0.8					
20	23.7			0.4	7				
15	24.9				7				
8	26.8		10.8	0	7				
	T/D	RIVERSIDE		1440	PST				
	T/O	RIVERSIDE		1516	PST	SURFACE WIND			
		320-360 DEG	AT 20	KTS.					
8	25.9	-2.5	6.2	0	2				
10	25.4	-7.8			5				
11	25.1	-7.2			6				
	RAPID CLIMB DUE TO STRONG UPDRAFT								
12	24.3				8				
13	24.2				8				
14	24.0				7				
15	24.0	-2.5			7				
16	23.9				7				
17	23.5				6				
18	23.3				5				
19	23.0				4.5				
20	22.9	-5.8	8.1	0	4.5				
21	22.5				4				
	OVER RIVERSIDE FWY								
20	22.5	-8.5	7.7	0	5				
	FOLLOW FWY TO SW, 1520 PST								
20	22.4	-5.9	6.5	0	3				
	ALONG HILL N. OF FWY								
20	22.3	-4.9	6.5	0	3				
	ENROUTE CLIMB TO ELM								
20	21.8	-3.8	5.4	0	8				
21	21.8				8				
22	21.5				8				
23	21.3				8				
24	21.2				8				
25	20.9	-4.4	5.6	0	8				

AIRCRAFT DATA

Flight Route: WHM-STA-ELM-RIVERSIDE-ELM-WHM

Date/Time: 8 Nov 68/1310-1712

Flt. No. 22

Altitude	Temp	Dew Pt	UV-in	UV-out	Oxid	NO ₂	NO	NO _x	CO
30	19.6	-5.8	6.3	0.4	7				
35	18.2	-7.5	6.5		7				
40	16.8	-9.1	6.5	0.8	6				
45	15.3	-9.2	6.9		6				
50	13.9	-8.0	7.3	0.8	5.5				
55	13.1	-7.3			6				
60	13.1	-8.5			5				
OVER CABLE AIRPORT					1527	PST			
DESCENT AT ELM					1535	PST			
59	13.5	-12	7.3	0.8	5				
55	14.4	-12			5				
50	15.5	-14	5.8		5				
47	15.8				8				
45	16.5	-9.3			10				
40	17.7	-9.0	3.8	0	12				
35	18.4	-9.3			11				
32	19.4				10				
31	19.6				8				
30	20.0	-11	3.5	0	6				
29	-								
28	20.7				5				
27	20.6								
26	20.6				4				
25	20.8	-5.2			4				
24	21.0				4				
23	21.3				3				
22	21.9				3				
21	-				2				
20	22.4	-7.6	1.9	0	2				
19	22.6				2				
18	22.6				2				
17	22.9				2				
16	22.9				2				
15	23.1	-4.1			2				
14	23.2				2				

AIRCRAFT DATA

Flight Route: WHM-STA-ELM-RIVERSIDE-ELM-WHM

Date/Time: 8 Nov 68 / 1310-1712

Flt. No. 22

Altitude	Temp	Dew Pt	UV-in	UV-out	Oxid	NO ₂	NO	NO _x	CO
13	23.6	-3.2			2				
12	24.0	-3.2			2				
11	24.2	-4.0			2				
10	24.3	-4.0			2				
9	24.5	-1.2			28				
8	25.1	+0.3			18				
7	25.4	-1.4			6				
6	25.7	-1.7			5				
5	25.8	-0.4			5				
4	26.0	-0.2			5				
3	25.6	+1.4	1.9	0	4				
	T/D	ELM	1550	PST					
	T/O	ELM	1653	PST,	UV READINGS ZERO (SUNSET)				
3	21.6	9.5			0.5				
4	21.7	5.7			1				
5	21.5	3.5			1				
6	21.2	3.5			1				
7	21.0	2.7			0.5				
8	21.2	2.0			0.5				
9	21.4	0.8			1				
10	21.5	-0.3			1.5				
11	21.8				2.5				
12	21.8				3				
15	21.5	-1.3			3				
20	20.8	-1.3			3				
21	20.8				7				
22	20.7				9				
23	20.6				9.5				
25	20.0	-0.5			9.5				
28	19.6				9				
29	19.4				8				
30	20.1	-4.7			6				
31	19.4				5				
32	19.1				5				

AIRCRAFT DATA

Flight Route: WHM-STA-ELM-RIVERSIDE-ELM-WHM

Date/Time: 8 Nov '68 / 1310-1712

Flt. No. 22

Altitude	Temp	Dew Pt	UV-in	UV-out	Oxid	NO ₂	NO	NO _x	CO
33	19.2				4				
34	19.1				4				
35	19.3	-10			3				
	OVER	GLENDALE	1701	PST					
21	22.2	-9.2			3				
13	22.8	-5.3			2				
12	23.2	-4.5			2				
11	23.0	-2.5			1				
10	22.5	+2.3			1				
	T/D	WHM	1712	PST					
	END	FLT. 22							

AIRCRAFT DATA

Flight Route: WHM-STA-ELM-CABLE-ELM-WHM

Date/Time: 11 Nov. '68 / 1340-1628

Flt. No. 23

Altitude	Temp	Dew Pt	UV-in	UV-out	Oxid	NO ₂	NO	NO _x	CO
	T/O	WHM	1340	PST					
10.3	24.3	6.2	12.7	0	7				
11	23.8	4.2			8				
12	23.3	3.5			7				
13	23.2	3.1			8				
14	23.0	3.2			8				
15	22.7	2.8			9				
16	22.5	2.9			8				
17	22.1	3.0			8				
18	21.7	3.2			8				
19	21.7	2.0			8				
20	21.2	1.1	16.9	0.6	7				
21	21.0				7				
22	20.8				7				
23	21.0				7				
24	20.9				6				
25	20.7	2.2			6				
26	20.4				7				
27	-								
28	19.7				9				
29	19.4				9.5				
30	19.0	1.6		0.8	9				
31	18.8				8				
32	18.4				8				
33	18.3				8				
34	17.9				6				
35	17.7	1.2			5				
40	16.2	2.4	17.3	1.6	3.5				
45	15.2	1.7			2.5				
50	13.7	1.8	17.3	2.5	3				
	1348	PST							
	1356	PST	DESCENT	STA					
50	14.4	-1.0			2.5				
45	15.0	-1.3	13.9	1.6	3				
40	16.0	-0.4	13.5	1.6	2.5				

AIRCRAFT DATA

Flight Route: WHM-STA-ELM-CABLE-ELM-WHM

Date/Time: 11 Nov 68/1340-1628

Flt. No. 23

Altitude	Temp	Dew Pt	UV-In	UV-out	Oxid	NO ₂	NO	NO _x	CO
35	17.3	-1.3	11.5	2.0	3				
30	18.5	0.5	11.9	1.2	3				
25	19.6	1.5	11.5	1.2	3				
24	20.1	2.2							
23	-								
22	19.9	1.4							
21	19.9	0.8							
20	20.0	0.7	11.9	1.0					
19	20.3	0.4							
18	20.6	0.2							
17	20.8	0.7							
16	21.1	0.8							
15	21.3	0.4	13.5	0.8	4				
CLIMB OVER STA 1406 PST									
16	20.8	1.7			5				
20	19.9	2.3			4				
25	19.5	3.2			4				
30	18.5	-0.6	13.9	1.6	3				
DESCENT ELM									
28	20.1	0.0	11.9	0.8	2				
27	20.2				2				
26	20.8				2.5				
25	20.8	1.5			2.5				
24	20.9				2.5				
23	21.1				2.5				
22	21.3				3				
21	21.3				2.5				
20	21.5	1.0	11.9	0.8	3				
19	21.5				3				
18	21.2				3.5				
17	21.4				3.5				
16	21.7				4				
15	21.8	3.8			4				
14	21.8	4.5			4				
13	22.0	5.2			4				

AIRCRAFT DATA

Flight Route: WHM-STA-ELM-CABLE-ELM-WHM

Date/Time: 11 Nov 68 / 1340-1628

Flt. No. 23

Altitude	Temp	Dew Pt	UV-in	UV-out	Oxid	NO ₂	NO	NO _x	CO
12	22.5	5.1			4				
11	22.7	4.9			3.5				
10	22.3	5.1	11.2	0.4	5				
9	22.8	5.0			5				
8	23.0	5.5			5				
7	23.3	6.6			5				
6	23.4	6.6			4				
5	23.9	6.2			4				
4	24.2	7.2			4				
3	24.1	6.7	7.6	0	4				
T/D ELM 1425 PST									
T/O ELM 1501 PST									
2.9	23.4	13.5	6.2	0	1				
10	21.1	11.7	6.2	0	1				
20	20.0	7.7	6.0	0.8	4				
30	19.0	3.4	6.5	0.8	2				
END CLIMB - ENROUTE CLAREMONT-CABLE AIRPORT									
32	19.1	-0.4	5.8	0					
30	20.0	0.5	5.8	0	2				
20	21.3	-0.3	5.4	0	3				
14	22.9	6.8	4.2	0	7.5				
T/D CABLE AIRPORT 1522 PST									
T/O CABLE APT.									
14	22.4	7.7	4.2	0	8				
20	20.9	4.7	5.0	0	6				
30	18.5	2.4	4.6	0	4				
20	22.0	-0.1			3				
10	22.8	4.8			3				
2.9	23.6	8.4	3.1	0	2	(T/D ELM 1540 PST)			
T/O ELM 1540 PST									
3	23.3	12.5			1				
4	23.1	8.0			1				
5	23.0	7.9			1				
6	22.8	6.7			1				
7	22.6	5.5			1				

AIRCRAFT DATA

Flight Route: WHM-STA-ELM-CABLE-ELM-WHM

Date/Time: 11 Nov 68 / 1340-1628

Flt. No. 23

Altitude	Temp	Dew Pt	UV-in	UV-out	Oxid	NO ₂	NO	NO _x	CO
8	22.2	5.2			0.5				
9	22.0	5.5			1				
10	21.5	5.5			1				
11	21.6	4.5			1				
12	21.5	4.4			2				
13	21.4	4.2			2				
14	21.4	3.5			3				
15	21.3	2.7			3				
16	21.3	1.6			4				
17	21.0	1.5			4				
18	20.8	1.9			4				
19	20.8	1.7			4				
20	20.5	0.8			4				
21	20.8				4				
22	20.7				3				
23	20.5				2.5				
24	20.5				3				
25	20.3	-1.1			3				
30	18.5	-0.2			2				
35	18.2	-1.4			2.5				
40	17.3	1.2			2				
DESCENT			WHM	1620	PST				
36	17.3	-2.0			3				
35	17.5	-1.6			2.5				
34	18.0				3				
33	18.3				3				
32	18.3				3				
31	18.4				3				
30	18.6	-0.8			3				
29	18.5				3				
28	18.7				4				
27	19.0				4				
26	19.3				4				
25	19.5	0.9			4				
24	19.5	3.2			1				

Flight Route: WHM-STA-ELM-CABLE-ELM-WHM

Date/Time: 11 Nov 68 / 1340-1628

Flt. No. 23

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